

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081424\
 Data File : VD079728.D
 Acq On : 14 Aug 2024 09:22
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 15 01:22:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 13 01:06:11 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	178425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	322107	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	291663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	152751	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	106781	52.019	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.040%	
35) Dibromofluoromethane	7.804	113	101659	51.195	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.380%	
50) Toluene-d8	10.269	98	451949	54.456	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.920%	
62) 4-Bromofluorobenzene	12.569	95	129274	55.630	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 111.260%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	74042	50.473	ug/l	97
3) Chloromethane	2.146	50	157558	45.721	ug/l	97
4) Vinyl Chloride	2.281	62	199373	48.941	ug/l	99
5) Bromomethane	2.687	94	121853	43.945	ug/l	98
6) Chloroethane	2.834	64	138874	49.941	ug/l	95
7) Trichlorofluoromethane	3.169	101	186181	51.102	ug/l	96
8) Diethyl Ether	3.593	74	60417	53.032	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.969	101	111077	51.789	ug/l	92
10) Methyl Iodide	4.163	142	107717	44.870	ug/l	93
11) Tert butyl alcohol	5.057	59	36089	345.277	ug/l #	94
12) 1,1-Dichloroethene	3.940	96	114088	50.871	ug/l	93
13) Acrolein	3.799	56	59401	248.777	ug/l	99
14) Allyl chloride	4.563	41	165532	49.210	ug/l #	84
15) Acrylonitrile	5.251	53	146968	280.231	ug/l	98
16) Acetone	4.022	43	141935	285.957	ug/l	98
17) Carbon Disulfide	4.269	76	388175	48.827	ug/l	99
18) Methyl Acetate	4.563	43	69222	49.461	ug/l #	84
19) Methyl tert-butyl Ether	5.316	73	259677	56.390	ug/l	99
20) Methylene Chloride	4.798	84	152350	53.932	ug/l #	88
21) trans-1,2-Dichloroethene	5.310	96	130072	52.826	ug/l #	82
22) Diisopropyl ether	6.210	45	375296	54.141	ug/l #	93
23) Vinyl Acetate	6.151	43	1523799	299.905	ug/l #	90
24) 1,1-Dichloroethane	6.110	63	230077	50.209	ug/l	97
25) 2-Butanone	7.081	43	187236	296.474	ug/l	91
26) 2,2-Dichloropropane	7.069	77	187905	51.923	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	148310	51.927	ug/l	87
28) Bromochloromethane	7.428	49	97880	50.211	ug/l #	66
29) Tetrahydrofuran	7.439	42	112460	292.925	ug/l #	82
30) Chloroform	7.592	83	229955	51.678	ug/l	95
31) Cyclohexane	7.881	56	192138	51.208	ug/l	87
32) 1,1,1-Trichloroethane	7.787	97	193884	52.666	ug/l	97
36) 1,1-Dichloropropene	8.010	75	172943	56.185	ug/l	96
37) Ethyl Acetate	7.169	43	77863	55.896	ug/l	94
38) Carbon Tetrachloride	7.992	117	178283	57.062	ug/l	98
39) Methylcyclohexane	9.275	83	217125	59.681	ug/l	94
40) Benzene	8.251	78	543618	54.303	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	42313	57.675	ug/l #	84
42) 1,2-Dichloroethane	8.322	62	129164	55.819	ug/l	96
43) Isopropyl Acetate	8.363	43	146015	60.103	ug/l #	92
44) Trichloroethene	9.028	130	116701	53.076	ug/l	75
45) 1,2-Dichloropropane	9.304	63	133091	54.012	ug/l	93
46) Dibromomethane	9.392	93	70677	56.655	ug/l	89
47) Bromodichloromethane	9.581	83	173414	55.146	ug/l	98
48) Methyl methacrylate	9.381	41	68200	61.033	ug/l	82
49) 1,4-Dioxane	9.381	88	18492	1472.823	ug/l	91
51) 4-Methyl-2-Pentanone	10.157	43	397106	317.721	ug/l	94
52) Toluene	10.333	92	341412	56.874	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	165014	56.135	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	201813	55.937	ug/l #	92
55) 1,1,2-Trichloroethane	10.733	97	97122	58.402	ug/l	94
56) Ethyl methacrylate	10.598	69	128787	61.340	ug/l #	89
57) 1,3-Dichloropropane	10.875	76	165754	57.816	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	282884	311.932	ug/l	89
59) 2-Hexanone	10.916	43	303976	323.878	ug/l	94
60) Dibromochloromethane	11.075	129	117658	57.425	ug/l	96
61) 1,2-Dibromoethane	11.175	107	85032	57.583	ug/l	94
64) Tetrachloroethene	10.810	164	98593	55.324	ug/l	95
65) Chlorobenzene	11.604	112	354300	55.321	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.680	131	115629	55.378	ug/l	98
67) Ethyl Benzene	11.680	91	630327	56.092	ug/l	98
68) m/p-Xylenes	11.792	106	507019	116.028	ug/l	94
69) o-Xylene	12.116	106	228551	57.226	ug/l	88
70) Styrene	12.133	104	413548	59.025	ug/l	97
71) Bromoform	12.292	173	62253	58.002	ug/l #	97
73) Isopropylbenzene	12.416	105	595511	55.531	ug/l	100
74) N-amyl acetate	12.227	43	146664	61.386	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.669	83	113063	56.465	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	142900	114.755	ug/l #	100
77) Bromobenzene	12.698	156	132307	55.164	ug/l	84
78) n-propylbenzene	12.757	91	755743	56.951	ug/l	96
79) 2-Chlorotoluene	12.845	91	404923	54.797	ug/l	94
80) 1,3,5-Trimethylbenzene	12.898	105	506262	56.928	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	43167	59.074	ug/l	99
82) 4-Chlorotoluene	12.945	91	427862	55.062	ug/l	96
83) tert-Butylbenzene	13.163	119	429899	57.279	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	519707	57.122	ug/l	97
85) sec-Butylbenzene	13.339	105	670057	57.937	ug/l	98
86) p-Isopropyltoluene	13.457	119	569546	58.622	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	283167	55.460	ug/l	97
88) 1,4-Dichlorobenzene	13.533	146	275711	54.704	ug/l	96
89) n-Butylbenzene	13.780	91	537114	58.650	ug/l	97
90) Hexachloroethane	14.051	117	106844	53.598	ug/l	93
91) 1,2-Dichlorobenzene	13.827	146	244085	55.507	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	15464	56.579	ug/l	84
93) 1,2,4-Trichlorobenzene	15.098	180	148321	58.632	ug/l	98
94) Hexachlorobutadiene	15.198	225	75647	59.465	ug/l	95
95) Naphthalene	15.327	128	311003	64.281	ug/l	99
96) 1,2,3-Trichlorobenzene	15.521	180	131043	59.097	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue Aug 13 01:06:11 2024
Response via : Initial Calibration

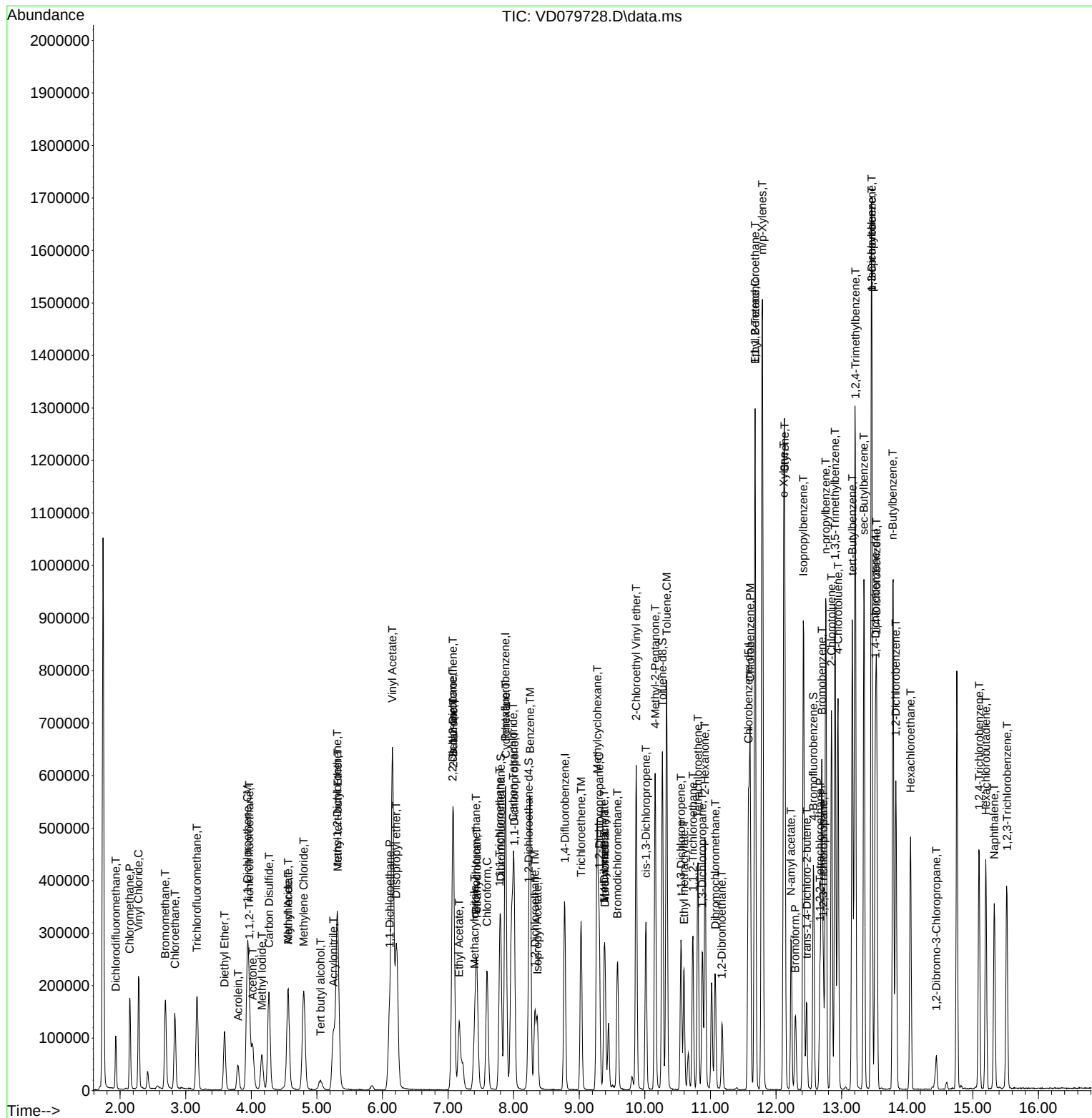
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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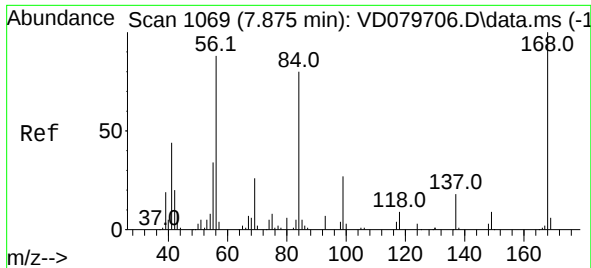
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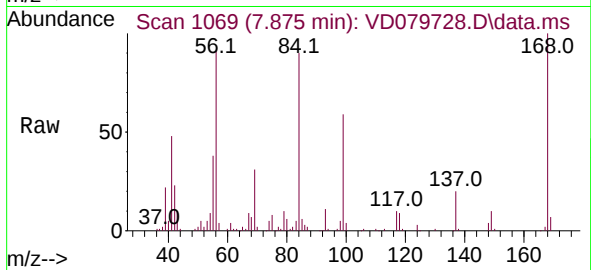
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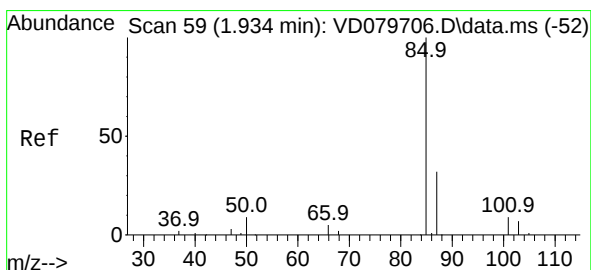
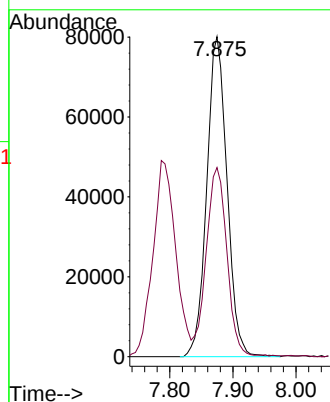
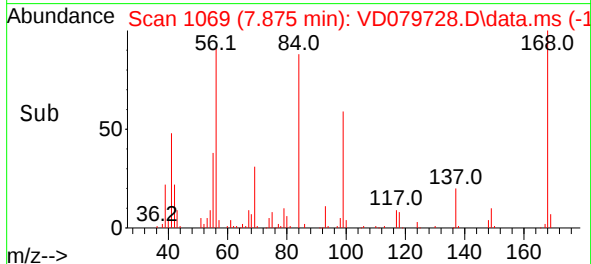


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079728.D
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MSVOA_D
ClientSampleId :

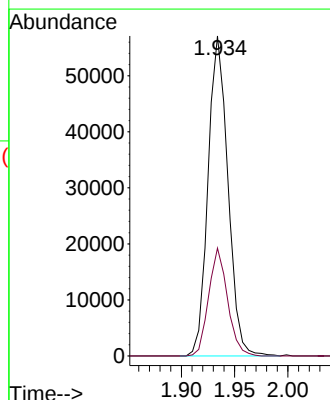
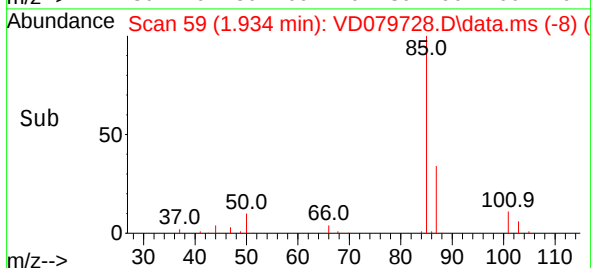
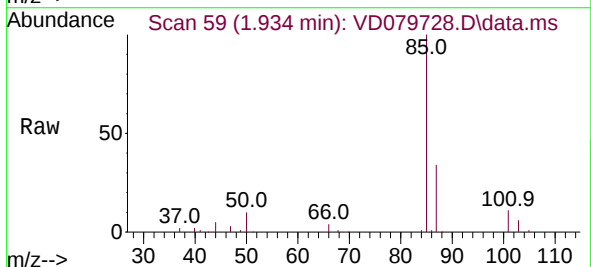


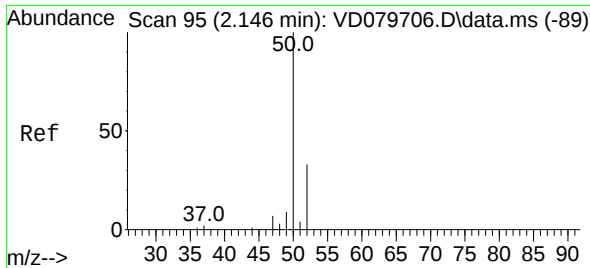
Tgt Ion:168 Resp: 178425
Ion Ratio Lower Upper
168 100
99 58.8 41.1 61.7



#2
Dichlorodifluoromethane
Concen: 50.473 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD079728.D
Acq: 14 Aug 2024 09:22

Tgt Ion: 85 Resp: 74042
Ion Ratio Lower Upper
85 100
87 33.7 16.0 48.0

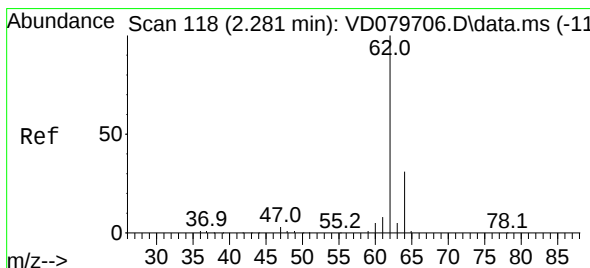
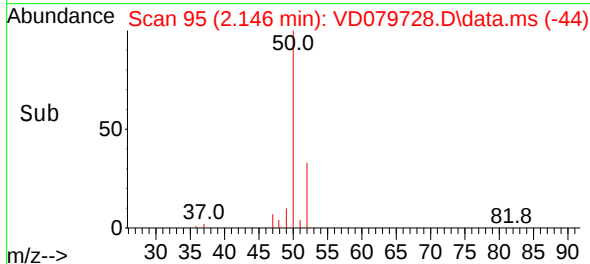
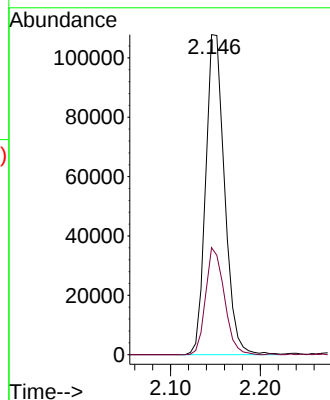
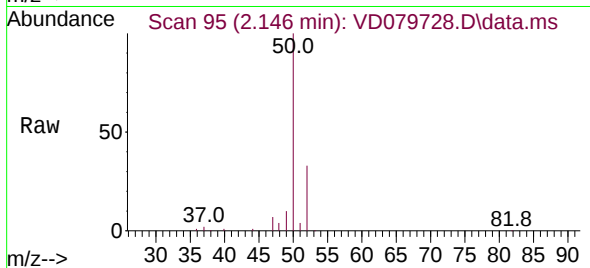




#3
Chloromethane
Concen: 45.721 ug/l
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD079728.D
Acq: 14 Aug 2024 09:22

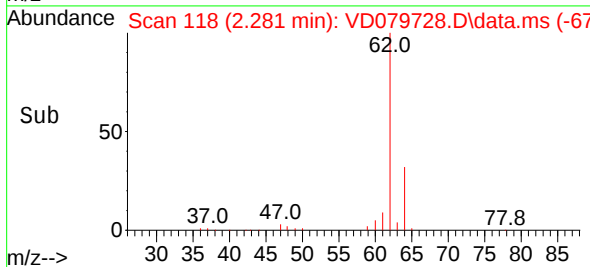
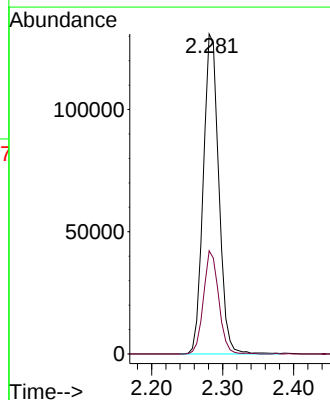
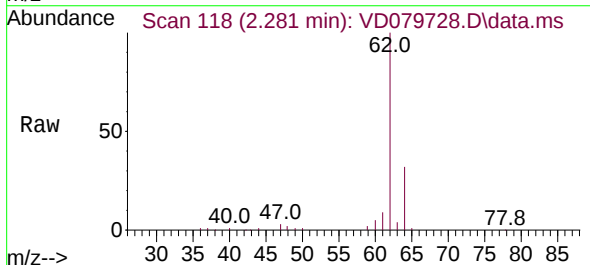
Instrument :
MSVOA_D
ClientSampleId :

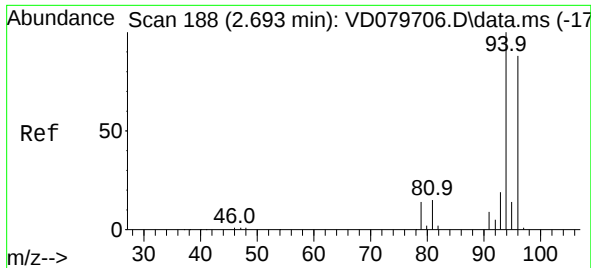
Tgt Ion: 50 Resp: 157558
Ion Ratio Lower Upper
50 100
52 33.5 28.2 42.2



#4
Vinyl Chloride
Concen: 48.941 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD079728.D
Acq: 14 Aug 2024 09:22

Tgt Ion: 62 Resp: 199373
Ion Ratio Lower Upper
62 100
64 32.3 26.3 39.5





#5

Bromomethane

Concen: 43.945 ug/l

RT: 2.687 min Scan# 187

Delta R.T. -0.006 min

Lab File: VD079728.D

Acq: 14 Aug 2024 09:22

Instrument :

MSVOA_D

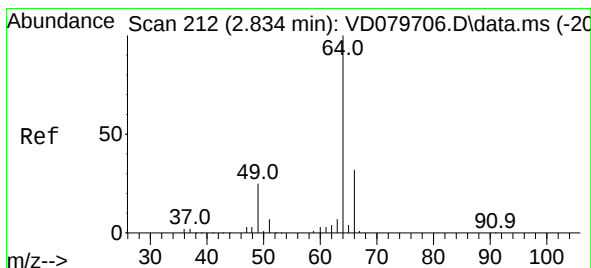
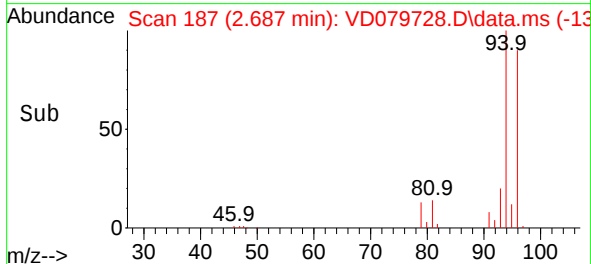
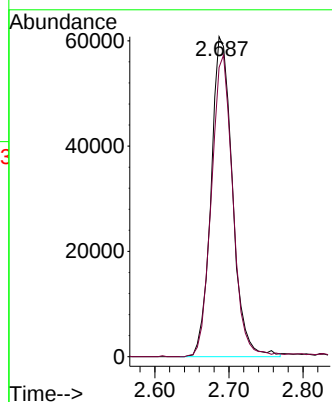
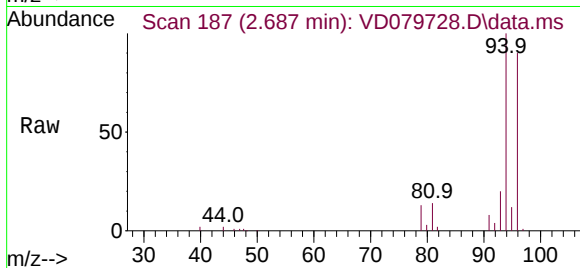
ClientSampleId :

Tgt Ion: 94 Resp: 121853

Ion Ratio Lower Upper

94 100

96 94.3 76.9 115.3



#6

Chloroethane

Concen: 49.941 ug/l

RT: 2.834 min Scan# 212

Delta R.T. -0.000 min

Lab File: VD079728.D

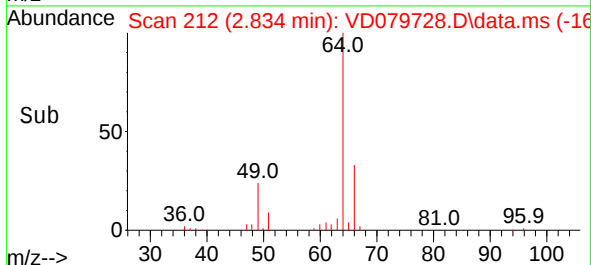
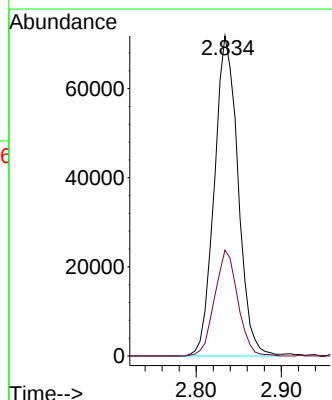
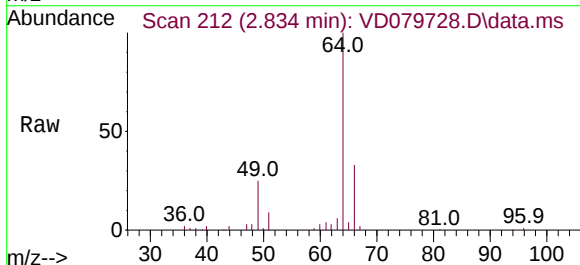
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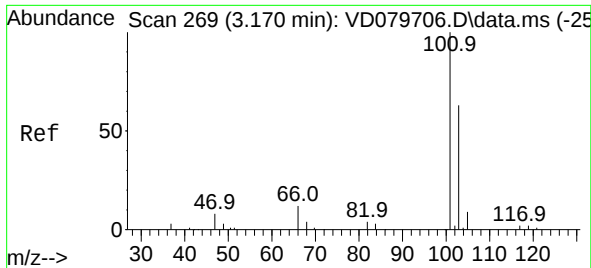
Tgt Ion: 64 Resp: 138874

Ion Ratio Lower Upper

64 100

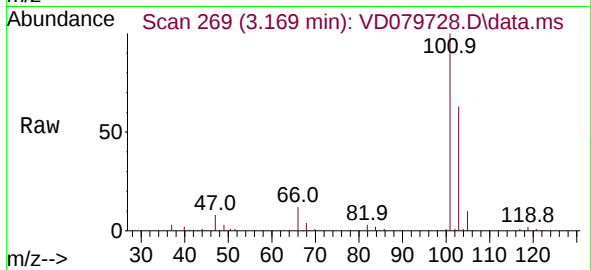
66 33.1 24.5 36.7



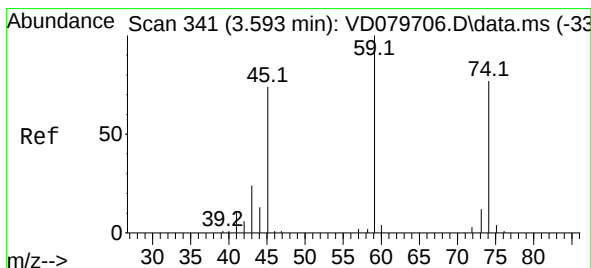
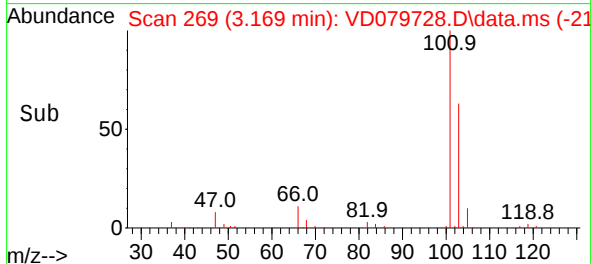
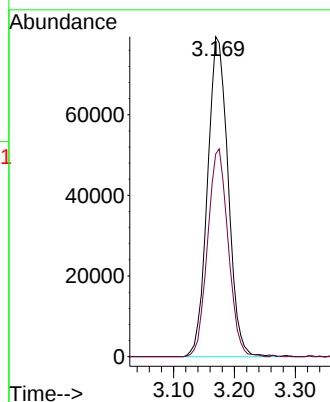


#7
Trichlorofluoromethane
Concen: 51.102 ug/l
RT: 3.169 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD079728.D
Acq: 14 Aug 2024 09:22

Instrument :
MSVOA_D
ClientSampleId :

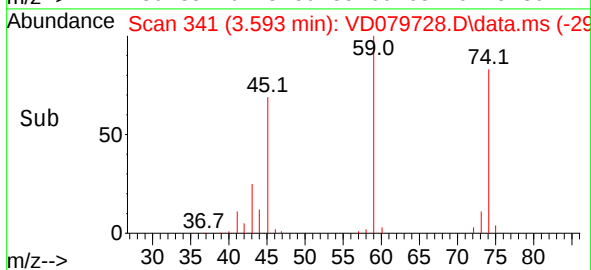
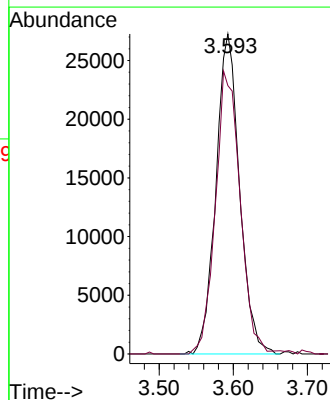
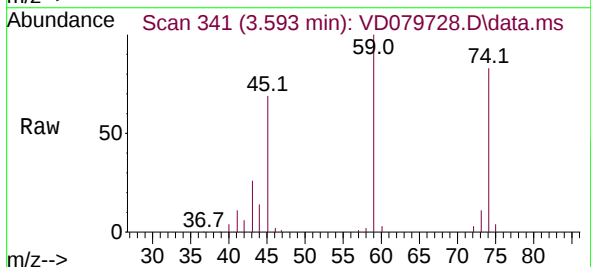


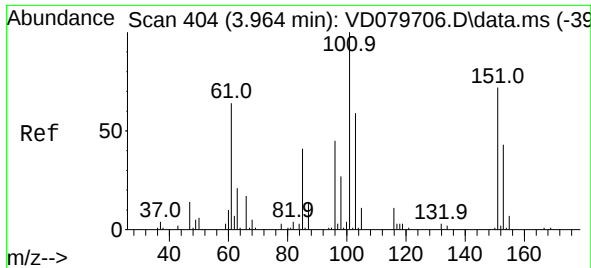
Tgt Ion:101 Resp: 186181
Ion Ratio Lower Upper
101 100
103 63.4 53.2 79.8



#8
Diethyl Ether
Concen: 53.032 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD079728.D
Acq: 14 Aug 2024 09:22

Tgt Ion: 74 Resp: 60417
Ion Ratio Lower Upper
74 100
45 92.3 37.9 113.6

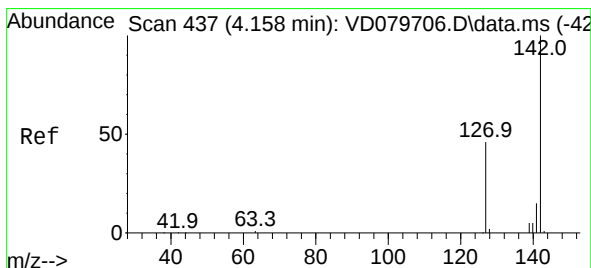
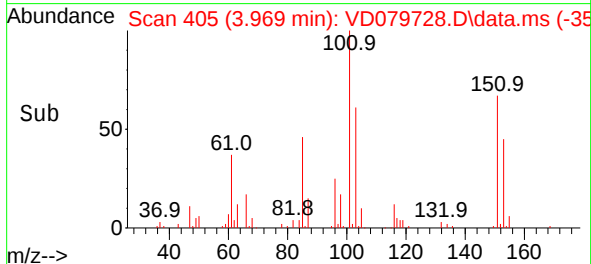
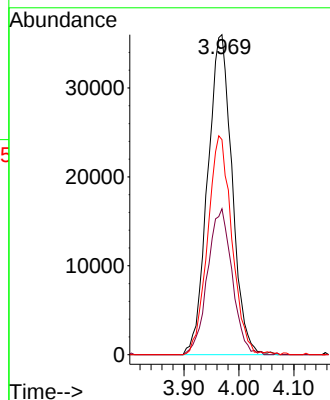
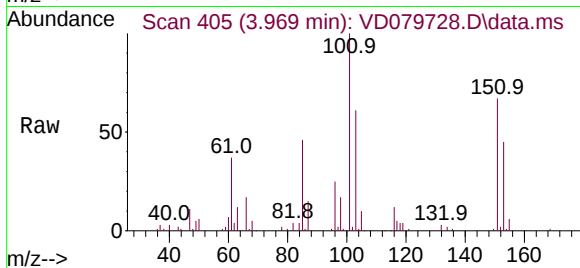




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.789 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.005 min
Lab File: VD079728.D
Acq: 14 Aug 2024 09:22

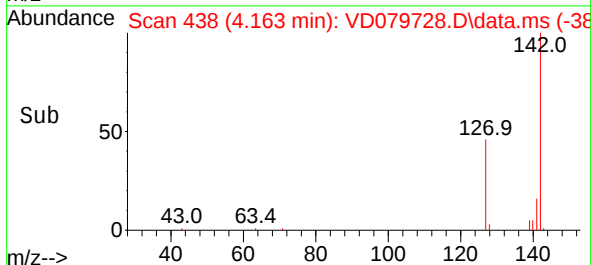
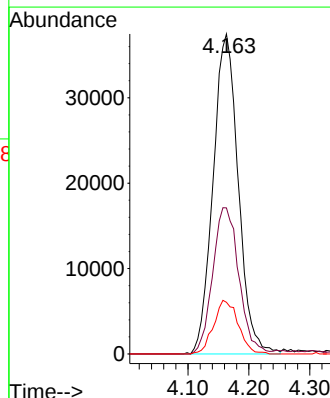
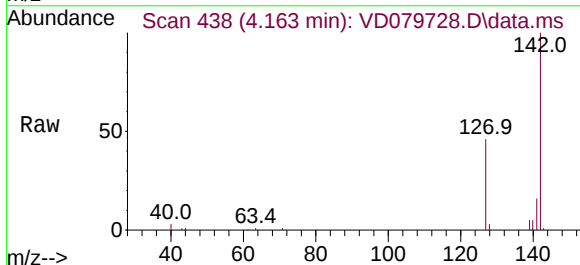
Instrument :
MSVOA_D
ClientSampleId :

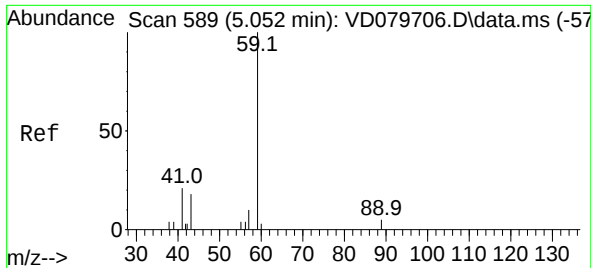
Tgt Ion:101 Resp: 111077
Ion Ratio Lower Upper
101 100
85 45.9 33.5 50.3
151 68.0 60.3 90.5



#10
Methyl Iodide
Concen: 44.870 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.005 min
Lab File: VD079728.D
Acq: 14 Aug 2024 09:22

Tgt Ion:142 Resp: 107717
Ion Ratio Lower Upper
142 100
127 47.5 34.2 51.4
141 16.4 11.7 17.5

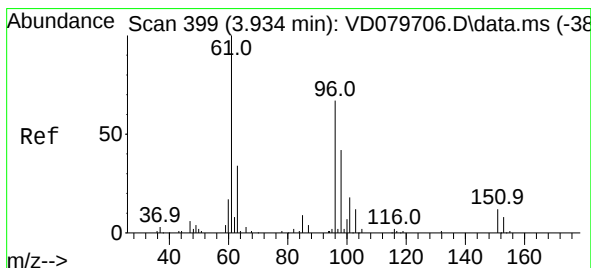
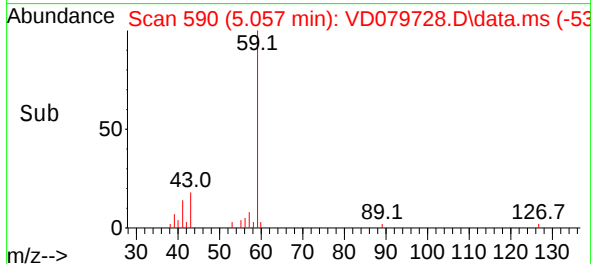
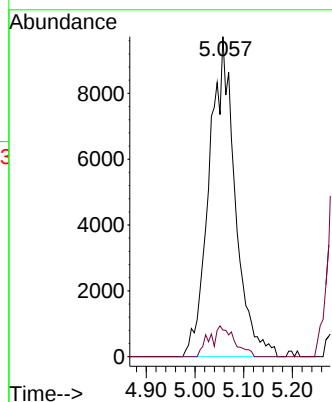
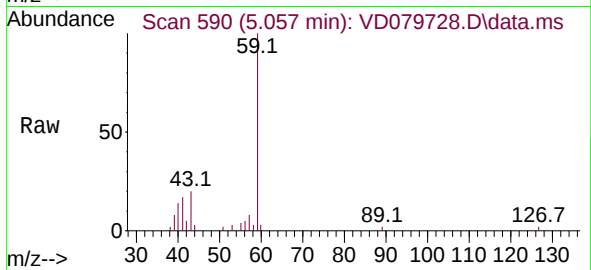




#11
Tert butyl alcohol
Concen: 345.277 ug/l
RT: 5.057 min Scan# 51
Delta R.T. 0.005 min
Lab File: VD079728.D
Acq: 14 Aug 2024 09:22

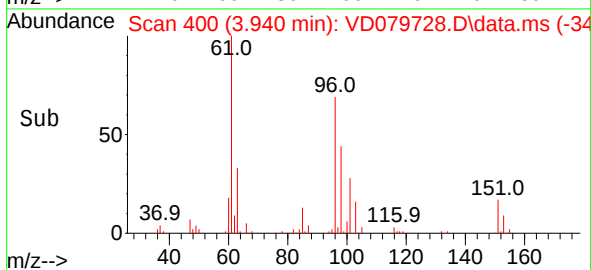
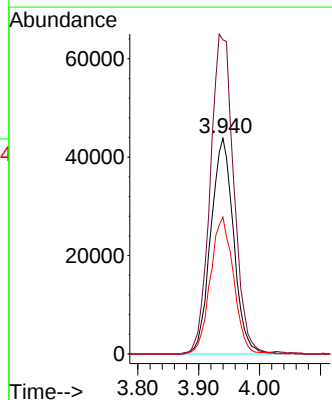
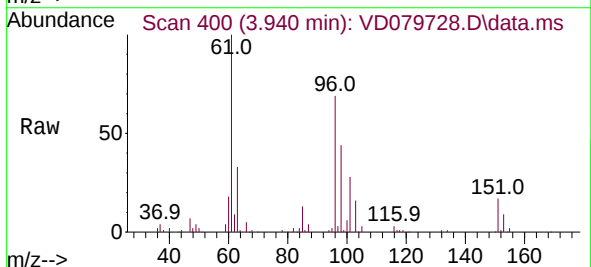
Instrument :
MSVOA_D
ClientSampleId :

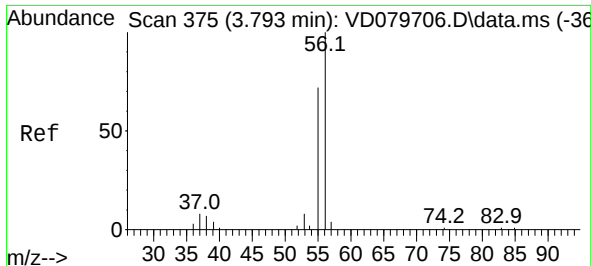
Tgt Ion: 59 Resp: 36089
Ion Ratio Lower Upper
59 100
57 6.5 3.6 5.4#



#12
1,1-Dichloroethene
Concen: 50.871 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.005 min
Lab File: VD079728.D
Acq: 14 Aug 2024 09:22

Tgt Ion: 96 Resp: 114088
Ion Ratio Lower Upper
96 100
61 145.6 107.3 160.9
98 63.4 51.7 77.5





#13

Acrolein

Concen: 248.777 ug/l

RT: 3.799 min Scan# 31

Delta R.T. 0.005 min

Lab File: VD079728.D

Acq: 14 Aug 2024 09:22

Instrument :

MSVOA_D

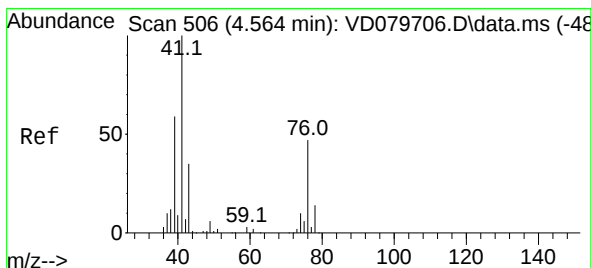
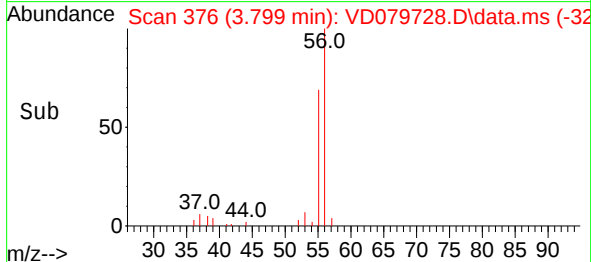
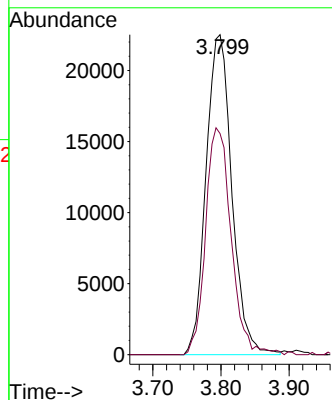
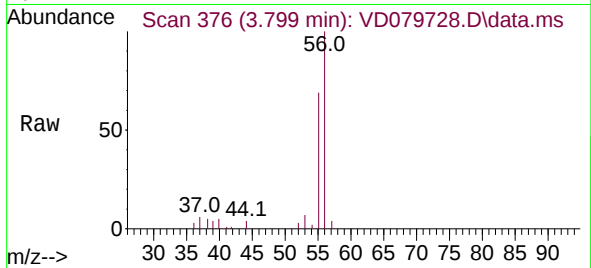
ClientSampleId :

Tgt Ion: 56 Resp: 59401

Ion Ratio Lower Upper

56 100

55 70.1 55.3 82.9



#14

Allyl chloride

Concen: 49.210 ug/l

RT: 4.563 min Scan# 506

Delta R.T. -0.000 min

Lab File: VD079728.D

Acq: 14 Aug 2024 09:22

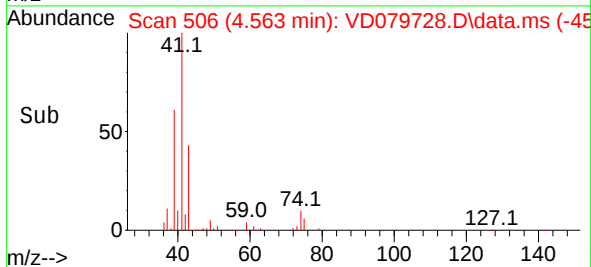
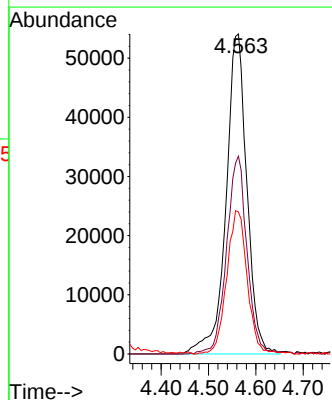
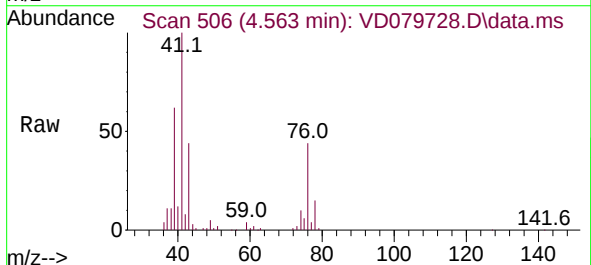
Tgt Ion: 41 Resp: 165532

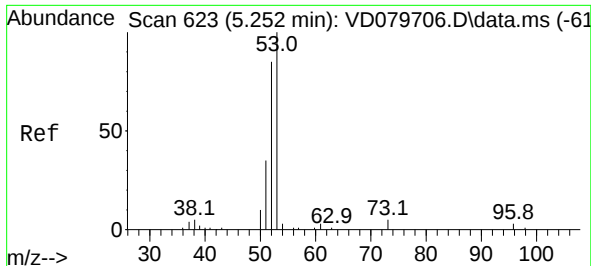
Ion Ratio Lower Upper

41 100

39 60.6 58.0 87.0

76 44.1 45.9 68.9#

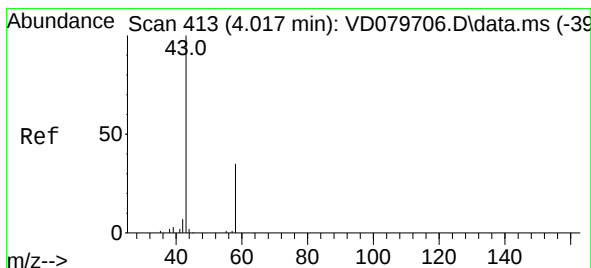
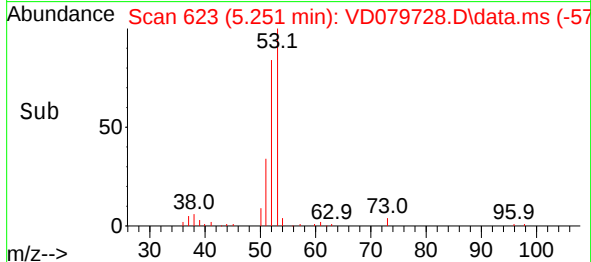
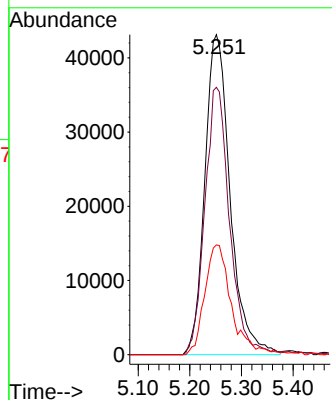
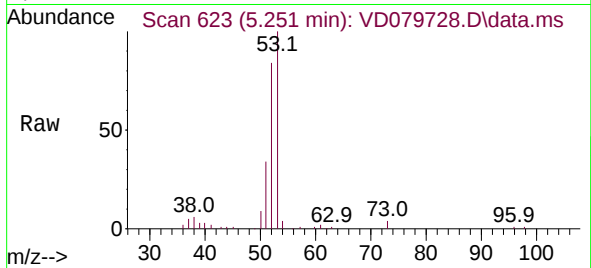




#15
Acrylonitrile
Concen: 280.231 ug/l
RT: 5.251 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD079728.D
Acq: 14 Aug 2024 09:22

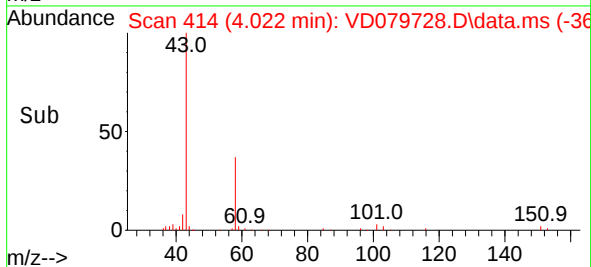
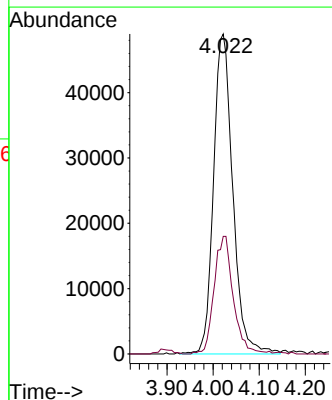
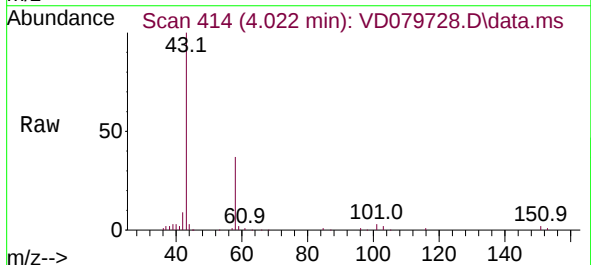
Instrument :
MSVOA_D
ClientSampleId :

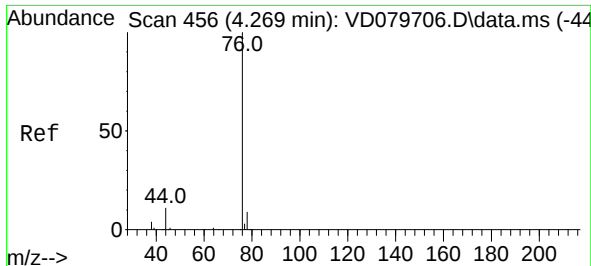
Tgt Ion: 53 Resp: 146968
Ion Ratio Lower Upper
53 100
52 81.6 67.7 101.5
51 36.1 28.6 42.8



#16
Acetone
Concen: 285.957 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD079728.D
Acq: 14 Aug 2024 09:22

Tgt Ion: 43 Resp: 141935
Ion Ratio Lower Upper
43 100
58 36.6 30.4 45.6

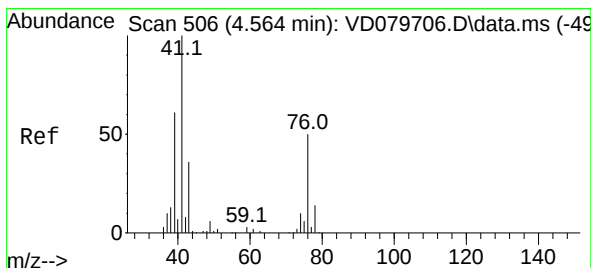
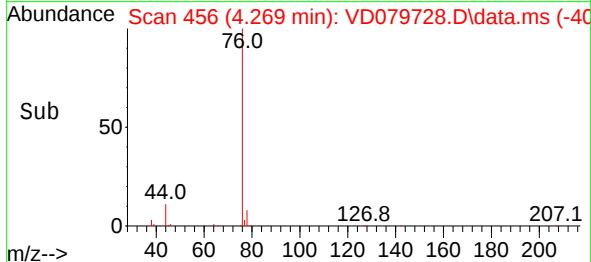
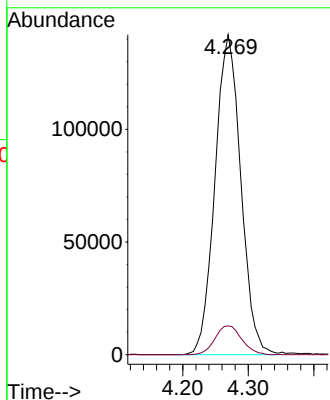
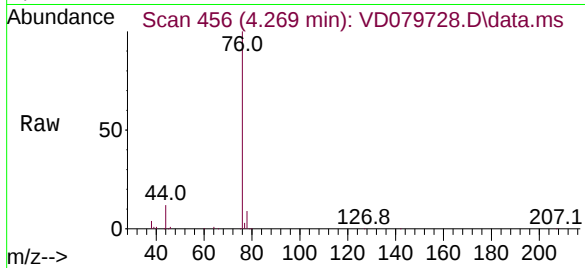




#17
Carbon Disulfide
Concen: 48.827 ug/l
RT: 4.269 min Scan# 456
Delta R.T. -0.000 min
Lab File: VD079728.D
Acq: 14 Aug 2024 09:22

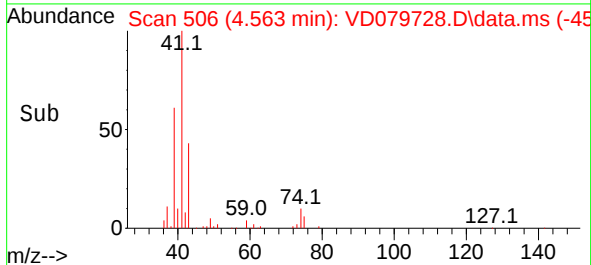
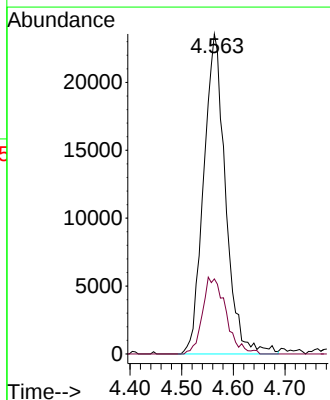
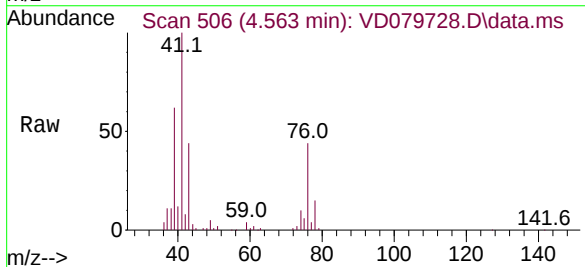
Instrument :
MSVOA_D
ClientSampleId :

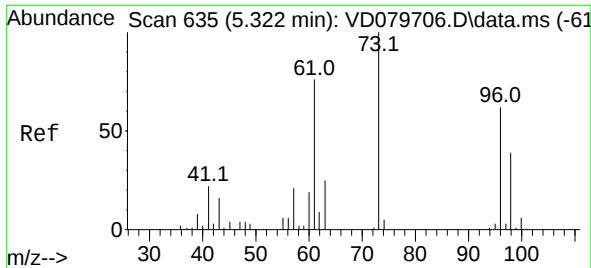
Tgt Ion: 76 Resp: 388175
Ion Ratio Lower Upper
76 100
78 9.0 6.9 10.3



#18
Methyl Acetate
Concen: 49.461 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD079728.D
Acq: 14 Aug 2024 09:22

Tgt Ion: 43 Resp: 69222
Ion Ratio Lower Upper
43 100
74 25.7 28.1 42.1#





#19

Methyl tert-butyl Ether

Concen: 56.390 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD079728.D

Acq: 14 Aug 2024 09:22

Instrument :

MSVOA_D

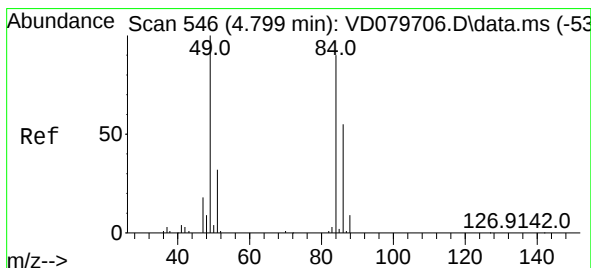
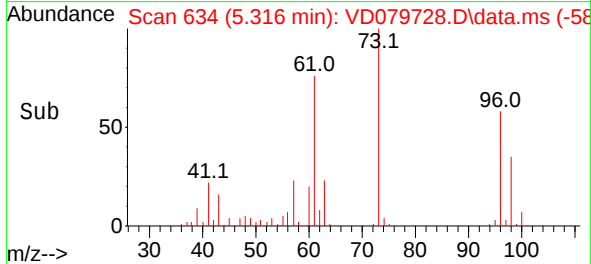
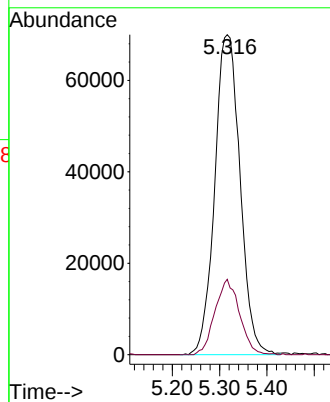
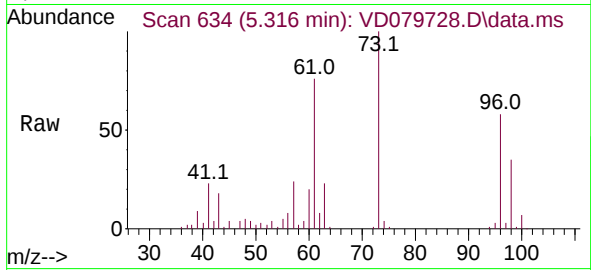
ClientSampleId :

Tgt Ion: 73 Resp: 259677

Ion Ratio Lower Upper

73 100

57 23.6 18.3 27.5



#20

Methylene Chloride

Concen: 53.932 ug/l

RT: 4.798 min Scan# 546

Delta R.T. -0.001 min

Lab File: VD079728.D

Acq: 14 Aug 2024 09:22

Tgt Ion: 84 Resp: 152350

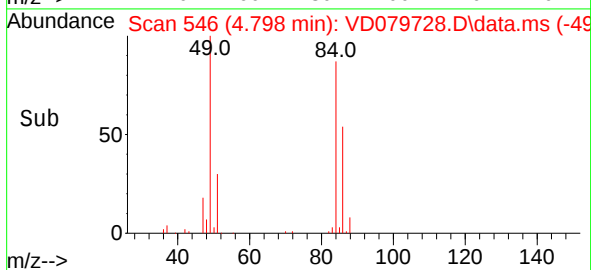
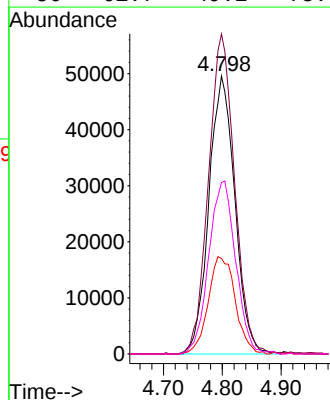
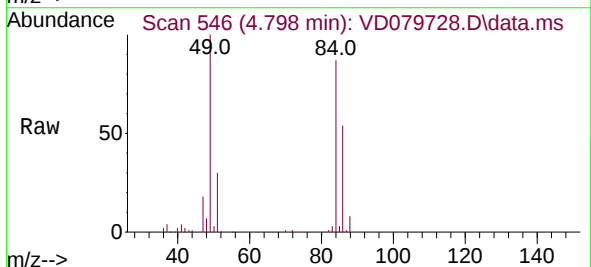
Ion Ratio Lower Upper

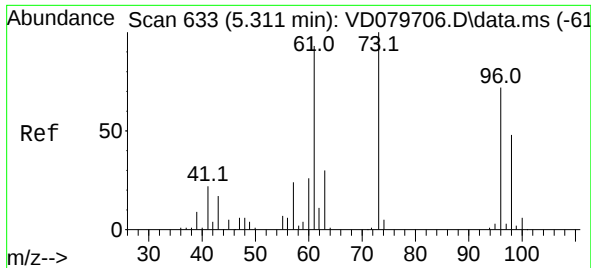
84 100

49 114.8 75.6 113.4#

51 34.4 24.2 36.2

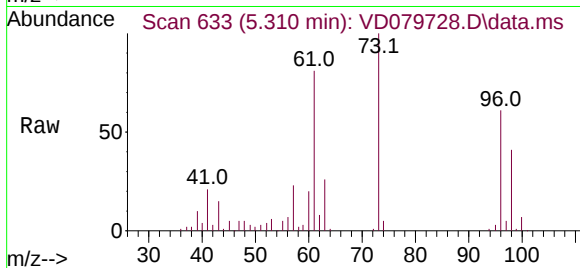
86 61.7 49.2 73.8



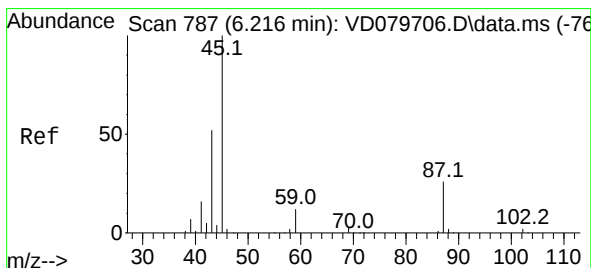
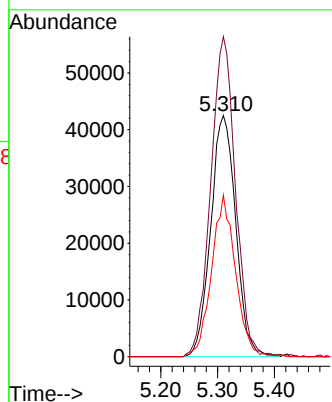
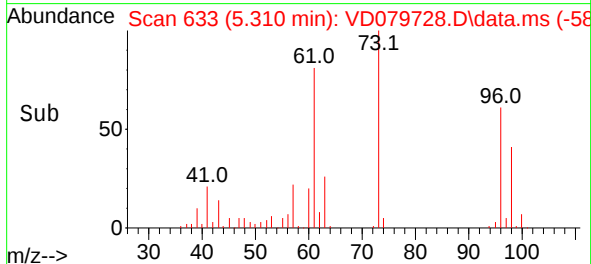


#21
trans-1,2-Dichloroethene
Concen: 52.826 ug/l
RT: 5.310 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD079728.D
Acq: 14 Aug 2024 09:22

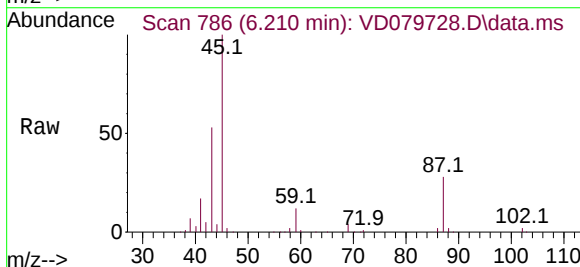
Instrument :
MSVOA_D
ClientSampleId :



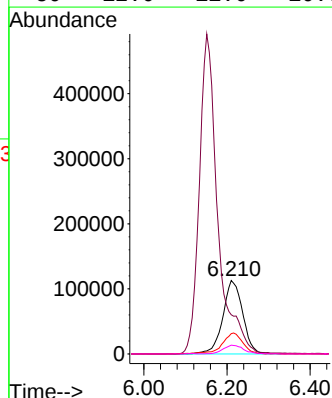
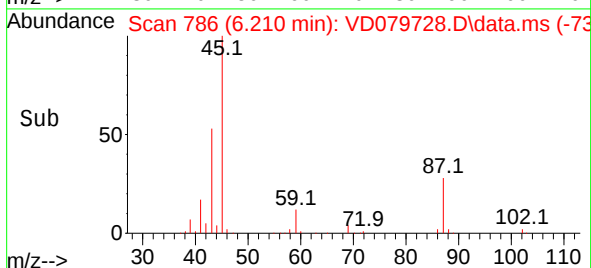
Tgt Ion: 96 Resp: 130072
Ion Ratio Lower Upper
96 100
61 132.7 84.5 126.7#
98 66.9 50.5 75.7

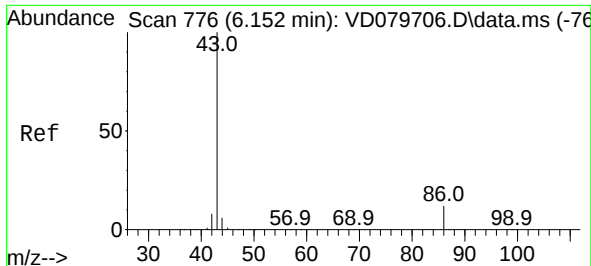


#22
Diisopropyl ether
Concen: 54.141 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD079728.D
Acq: 14 Aug 2024 09:22



Tgt Ion: 45 Resp: 375296
Ion Ratio Lower Upper
45 100
43 52.8 41.7 62.5
87 27.4 30.2 45.2#
59 12.0 11.0 16.6

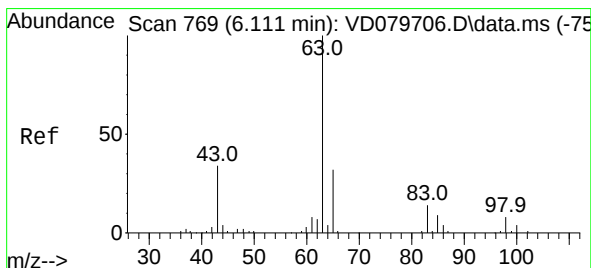
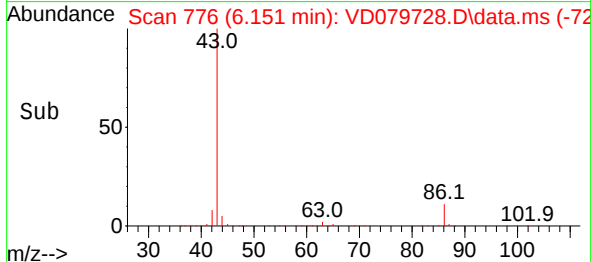
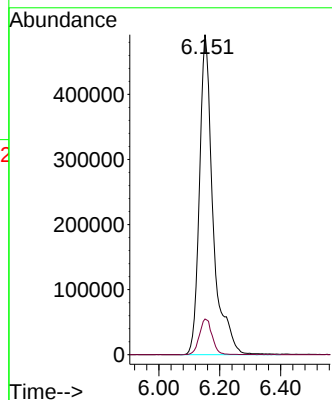
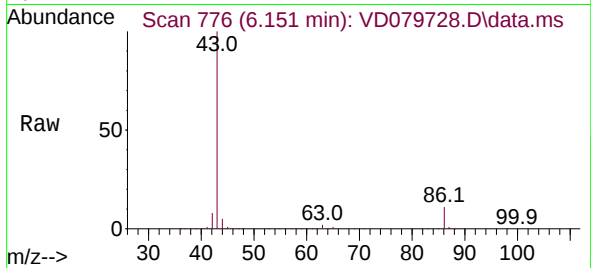




#23
 Vinyl Acetate
 Concen: 299.905 ug/l
 RT: 6.151 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD079728.D
 Acq: 14 Aug 2024 09:22

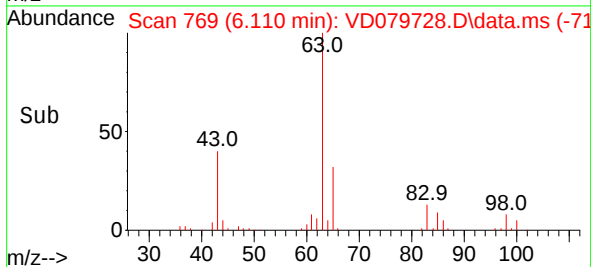
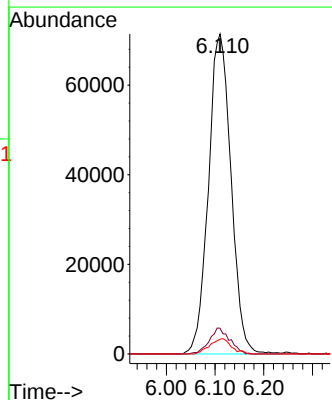
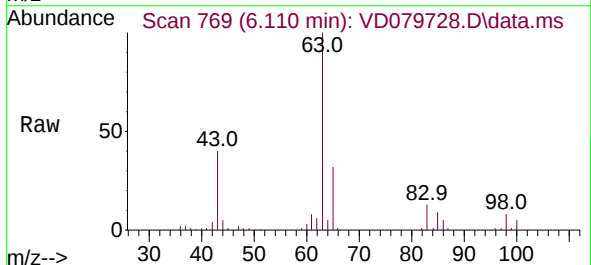
Instrument :
 MSVOA_D
 ClientSampleId :

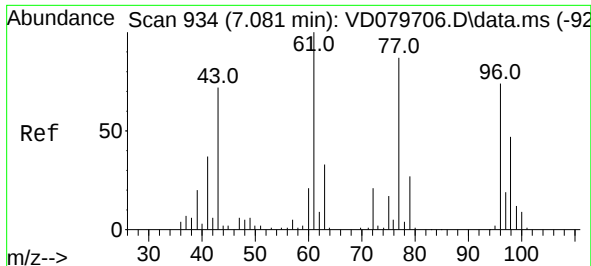
Tgt Ion: 43 Resp: 1523799
 Ion Ratio Lower Upper
 43 100
 86 11.1 12.3 18.5#



#24
 1,1-Dichloroethane
 Concen: 50.209 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VD079728.D
 Acq: 14 Aug 2024 09:22

Tgt Ion: 63 Resp: 230077
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.7 14.0
 100 4.6 2.9 8.6





#25

2-Butanone

Concen: 296.474 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD079728.D

Acq: 14 Aug 2024 09:22

Instrument :

MSVOA_D

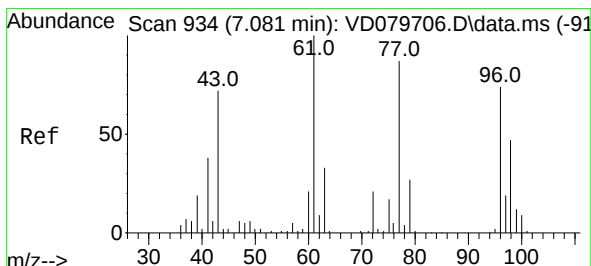
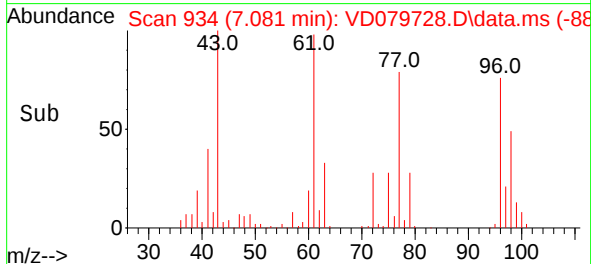
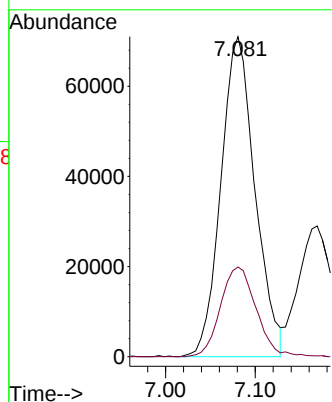
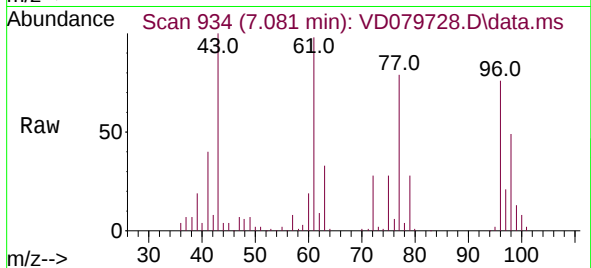
ClientSampleId :

Tgt Ion: 43 Resp: 187236

Ion Ratio Lower Upper

43 100

72 28.0 26.4 39.6



#26

2,2-Dichloropropane

Concen: 51.923 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.012 min

Lab File: VD079728.D

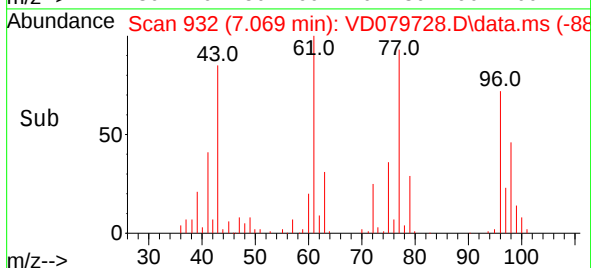
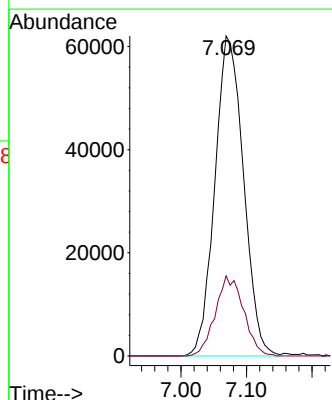
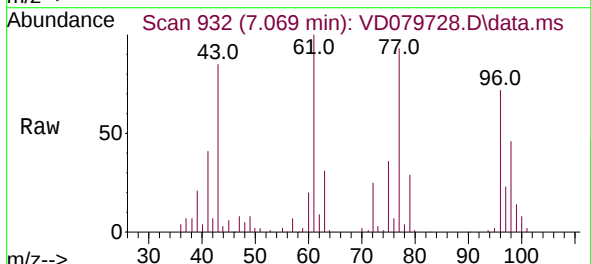
Acq: 14 Aug 2024 09:22

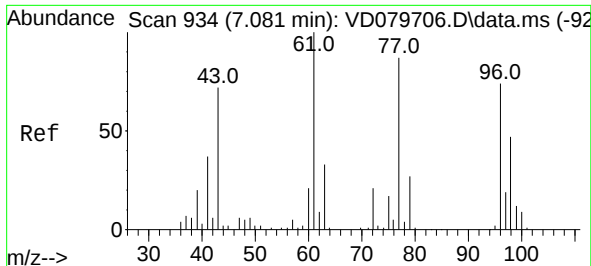
Tgt Ion: 77 Resp: 187905

Ion Ratio Lower Upper

77 100

97 24.7 12.4 37.2

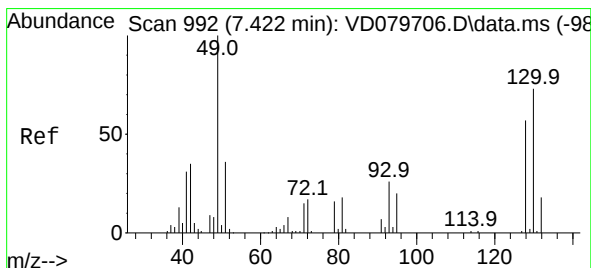
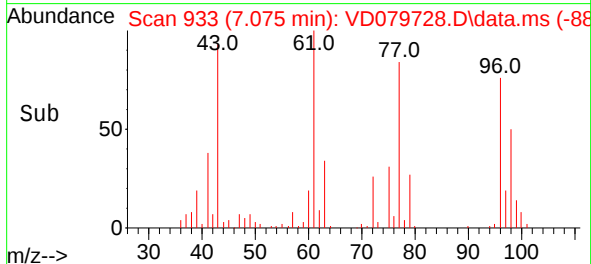
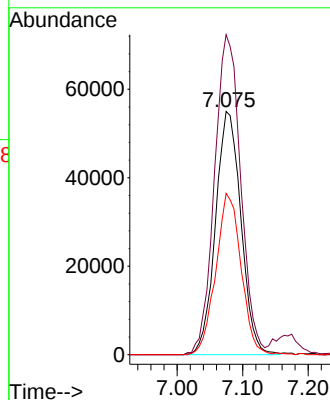
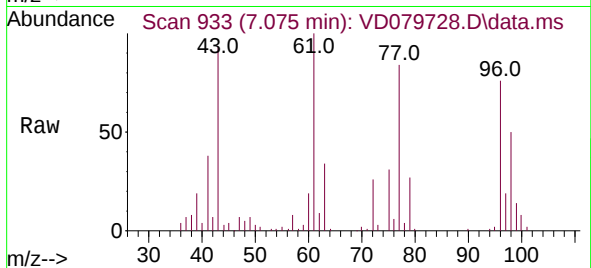




#27
 cis-1,2-Dichloroethene
 Concen: 51.927 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VD079728.D
 Acq: 14 Aug 2024 09:22

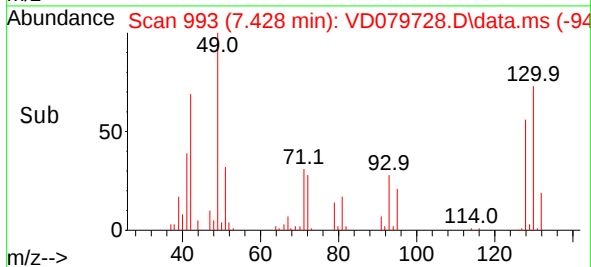
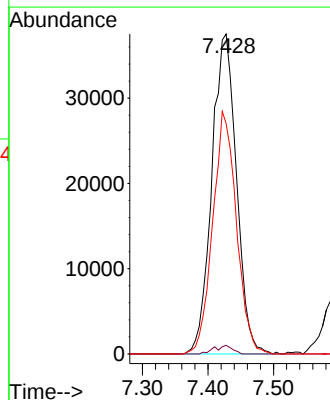
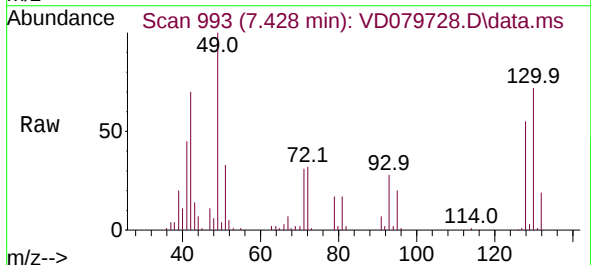
Instrument :
 MSVOA_D
 ClientSampleId :

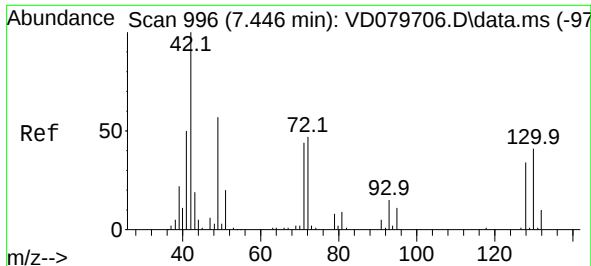
Tgt Ion: 96 Resp: 148310
 Ion Ratio Lower Upper
 96 100
 61 135.4 0.0 229.0
 98 65.6 0.0 127.2



#28
 Bromochloromethane
 Concen: 50.211 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.005 min
 Lab File: VD079728.D
 Acq: 14 Aug 2024 09:22

Tgt Ion: 49 Resp: 97880
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 7.0
 130 72.9 87.7 131.5#





#29

Tetrahydrofuran

Concen: 292.925 ug/l

RT: 7.439 min Scan# 995

Delta R.T. -0.006 min

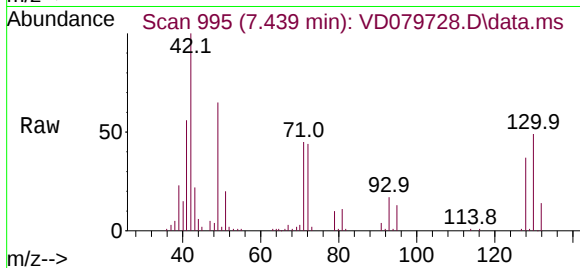
Lab File: VD079728.D

Acq: 14 Aug 2024 09:22

Instrument :

MSVOA_D

ClientSampleId :



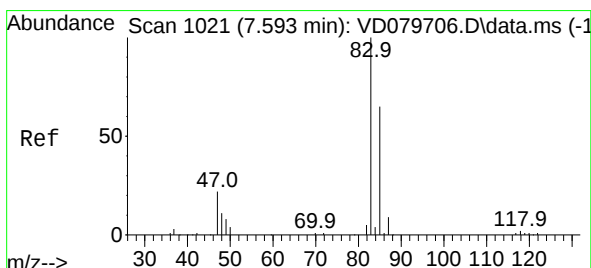
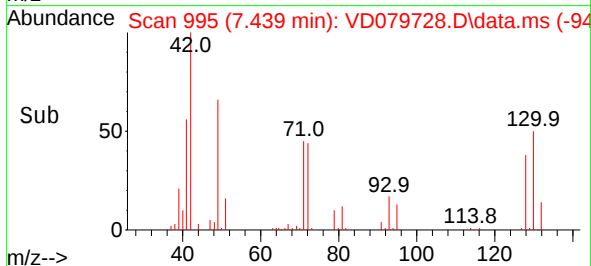
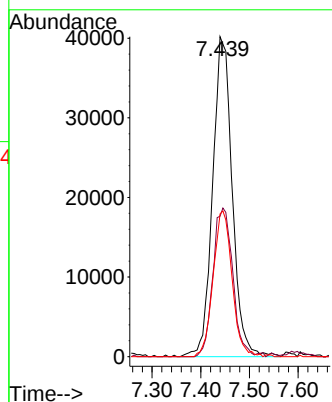
Tgt Ion: 42 Resp: 112460

Ion Ratio Lower Upper

42 100

72 46.8 49.4 74.0#

71 44.0 45.0 67.6#



#30

Chloroform

Concen: 51.678 ug/l

RT: 7.592 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD079728.D

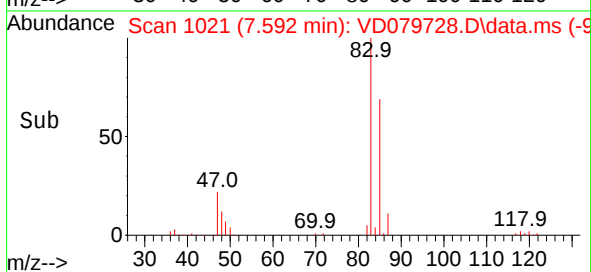
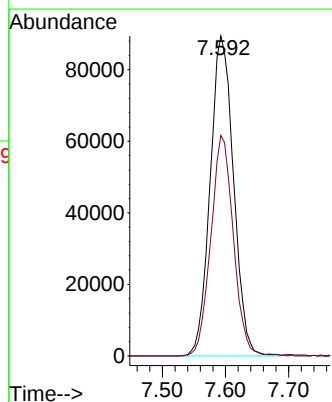
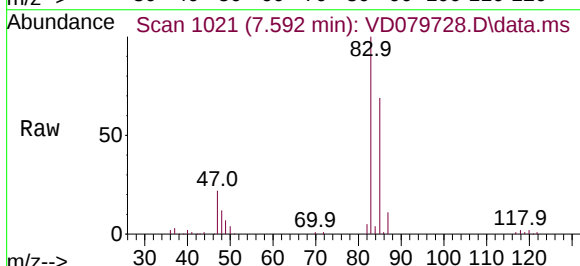
Acq: 14 Aug 2024 09:22

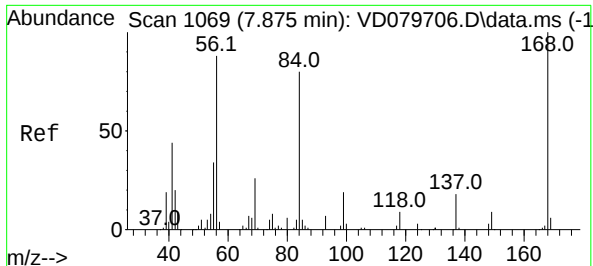
Tgt Ion: 83 Resp: 229955

Ion Ratio Lower Upper

83 100

85 68.9 51.8 77.6





#31

Cyclohexane

Concen: 51.208 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.005 min

Lab File: VD079728.D

Acq: 14 Aug 2024 09:22

Instrument :

MSVOA_D

ClientSampleId :

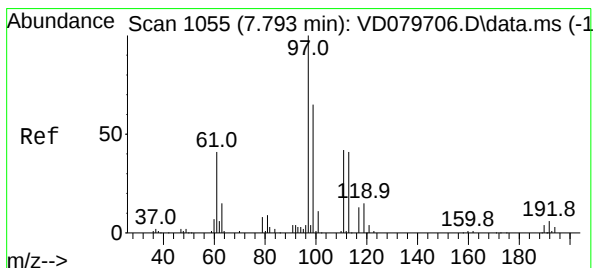
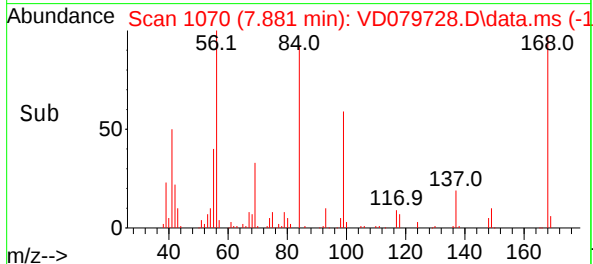
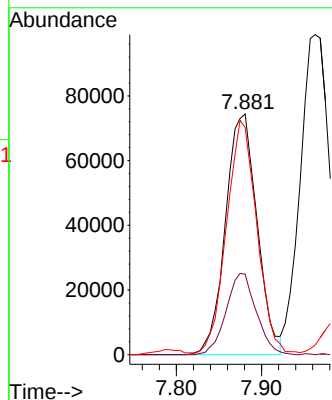
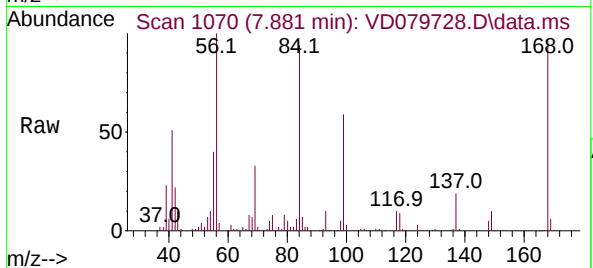
Tgt Ion: 56 Resp: 192138

Ion Ratio Lower Upper

56 100

69 33.4 28.0 42.0

84 92.6 87.4 131.0



#32

1,1,1-Trichloroethane

Concen: 52.666 ug/l

RT: 7.787 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VD079728.D

Acq: 14 Aug 2024 09:22

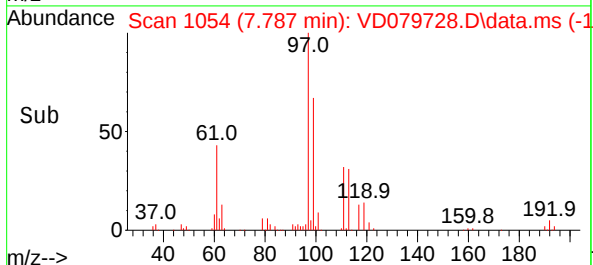
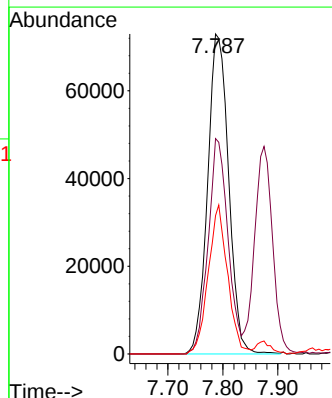
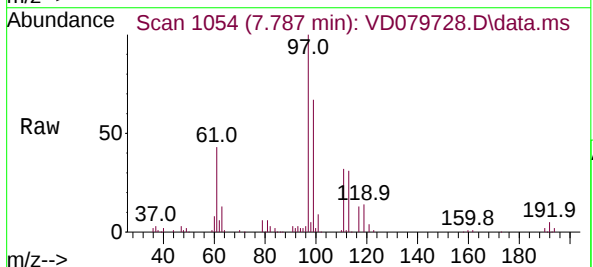
Tgt Ion: 97 Resp: 193884

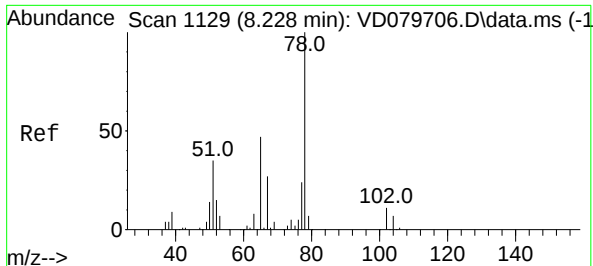
Ion Ratio Lower Upper

97 100

99 63.4 51.3 76.9

61 43.0 31.4 47.2

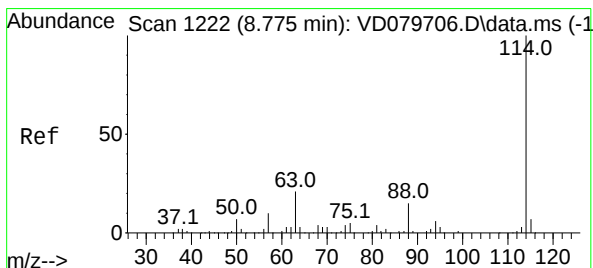
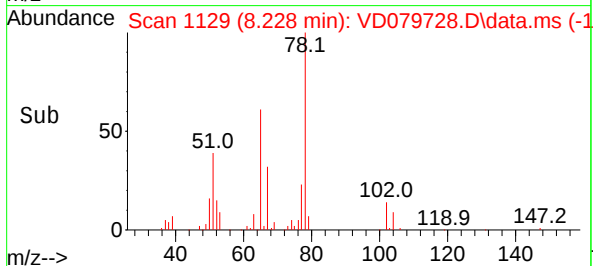
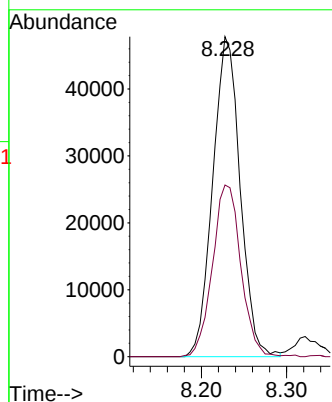
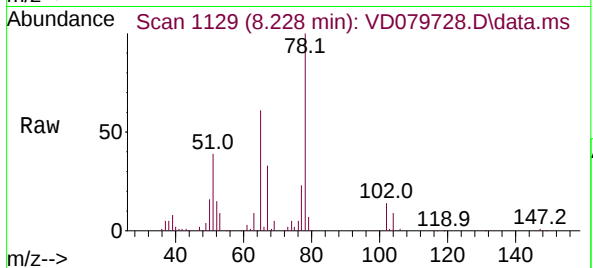




#33
1,2-Dichloroethane-d4
Concen: 52.019 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079728.D
Acq: 14 Aug 2024 09:22

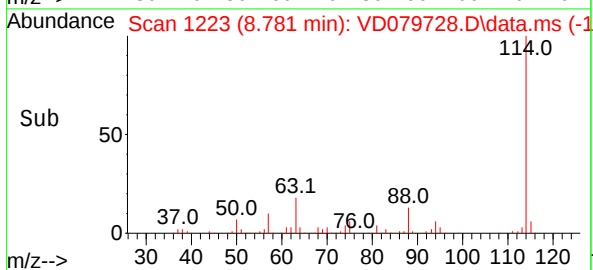
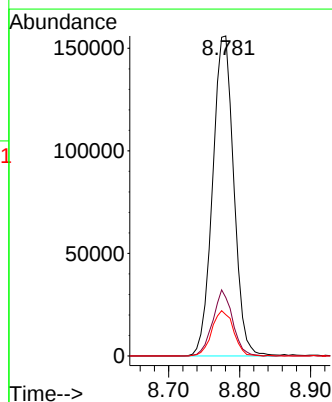
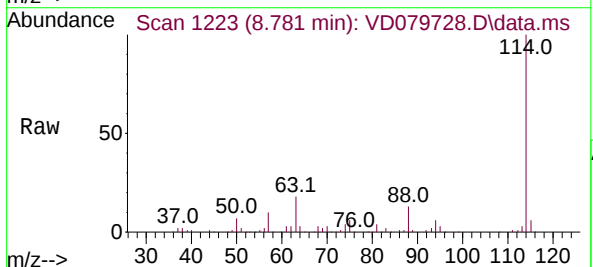
Instrument :
MSVOA_D
ClientSampleId :

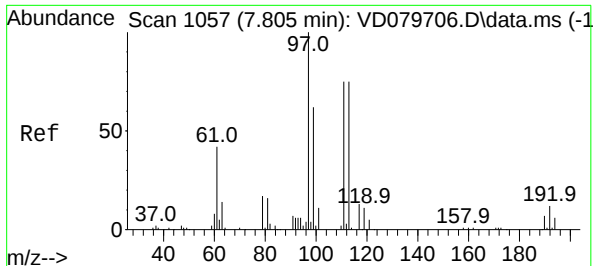
Tgt Ion: 65 Resp: 106781
Ion Ratio Lower Upper
65 100
67 55.7 0.0 111.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.005 min
Lab File: VD079728.D
Acq: 14 Aug 2024 09:22

Tgt Ion:114 Resp: 322107
Ion Ratio Lower Upper
114 100
63 18.2 0.0 34.0
88 12.9 0.0 27.2





#35

Dibromofluoromethane

Concen: 51.195 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

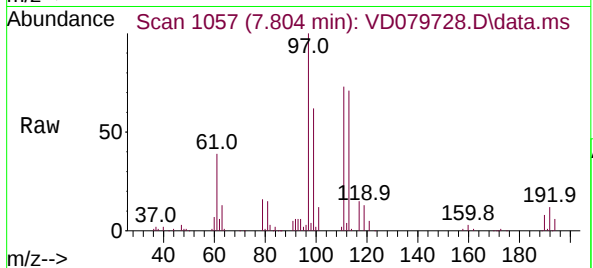
Lab File: VD079728.D

Acq: 14 Aug 2024 09:22

Instrument :

MSVOA_D

ClientSampleId :



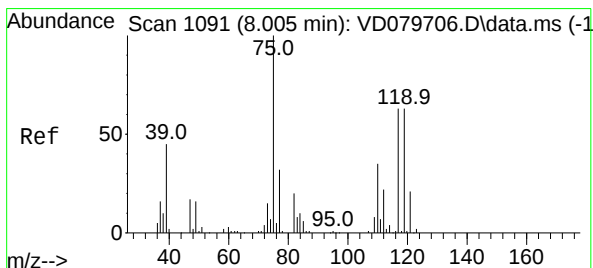
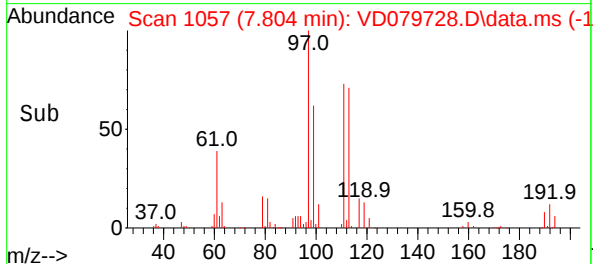
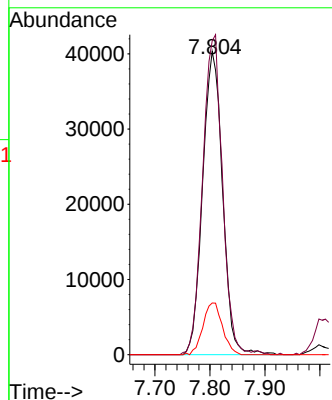
Tgt Ion:113 Resp: 101659

Ion Ratio Lower Upper

113 100

111 104.3 84.0 126.0

192 16.7 15.4 23.0



#36

1,1-Dichloropropene

Concen: 56.185 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.005 min

Lab File: VD079728.D

Acq: 14 Aug 2024 09:22

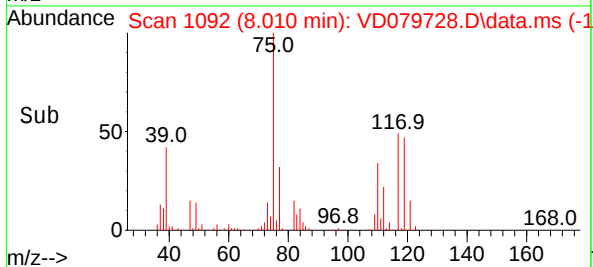
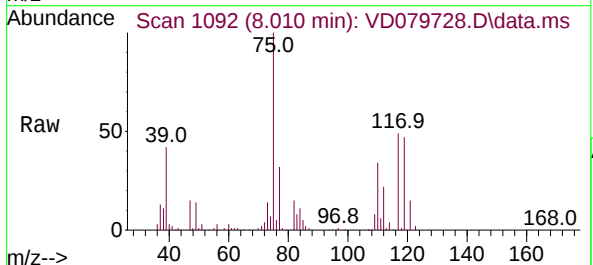
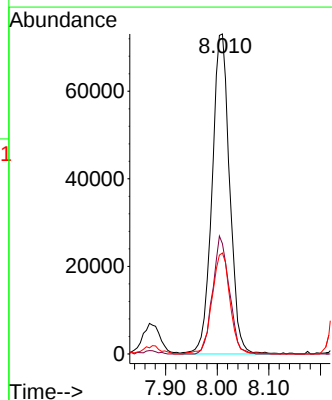
Tgt Ion: 75 Resp: 172943

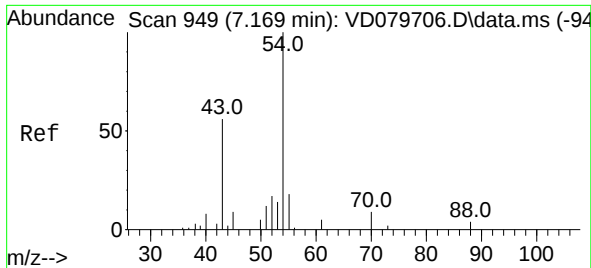
Ion Ratio Lower Upper

75 100

110 34.6 19.6 58.7

77 32.0 26.1 39.1





#37

Ethyl Acetate

Concen: 55.896 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.000 min

Lab File: VD079728.D

Acq: 14 Aug 2024 09:22

Instrument :

MSVOA_D

ClientSampleId :

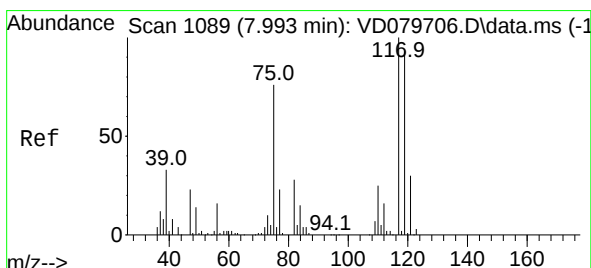
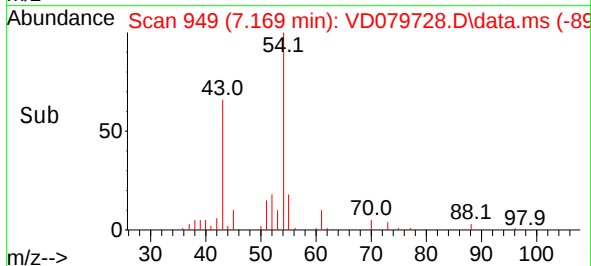
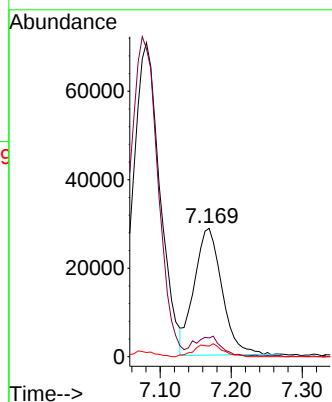
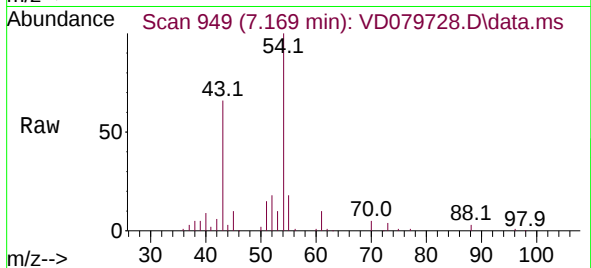
Tgt Ion: 43 Resp: 77863

Ion Ratio Lower Upper

43 100

61 14.9 13.9 20.9

70 9.9 9.8 14.6



#38

Carbon Tetrachloride

Concen: 57.062 ug/l

RT: 7.992 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD079728.D

Acq: 14 Aug 2024 09:22

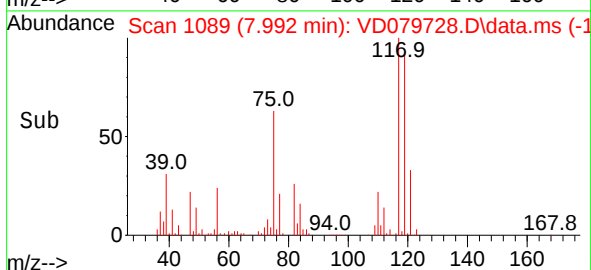
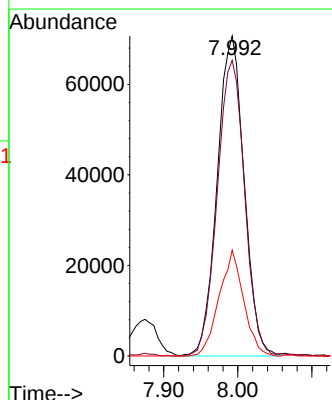
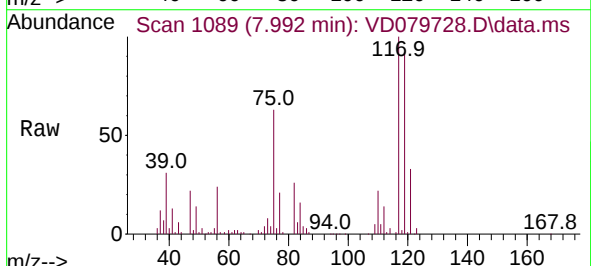
Tgt Ion: 117 Resp: 178283

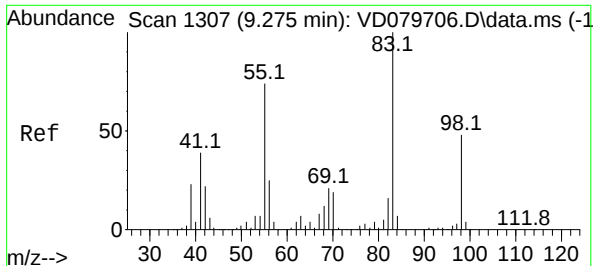
Ion Ratio Lower Upper

117 100

119 92.4 75.4 113.0

121 33.1 25.0 37.4





#39

Methylcyclohexane

Concen: 59.681 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD079728.D

Acq: 14 Aug 2024 09:22

Instrument :

MSVOA_D

ClientSampleId :

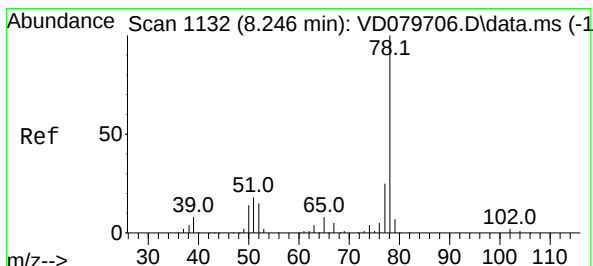
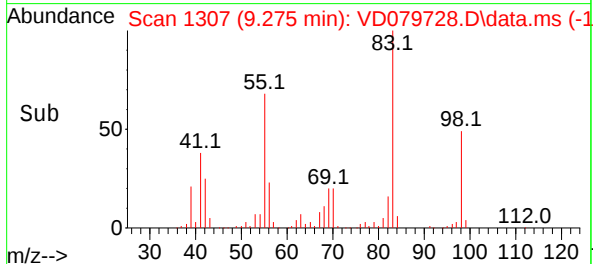
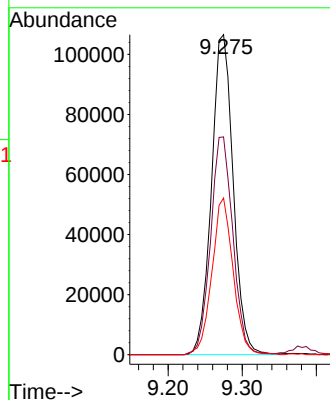
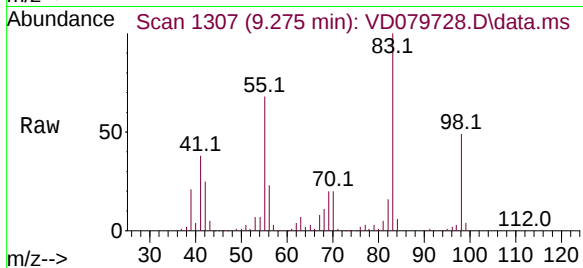
Tgt Ion: 83 Resp: 217125

Ion Ratio Lower Upper

83 100

55 68.0 50.1 75.1

98 49.0 41.9 62.9



#40

Benzene

Concen: 54.303 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.005 min

Lab File: VD079728.D

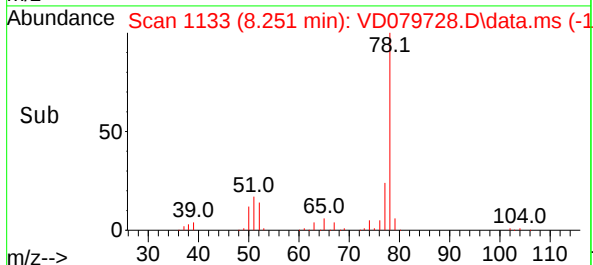
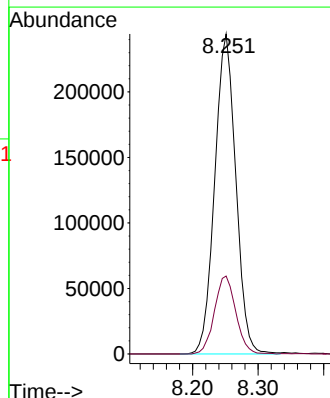
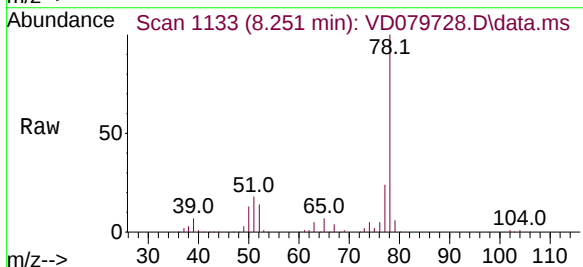
Acq: 14 Aug 2024 09:22

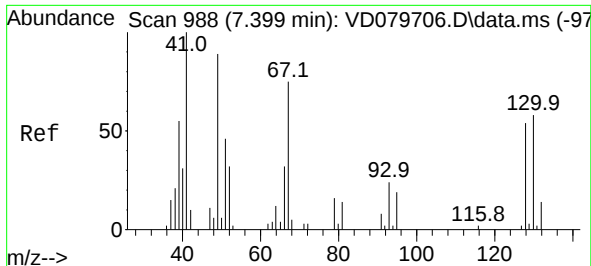
Tgt Ion: 78 Resp: 543618

Ion Ratio Lower Upper

78 100

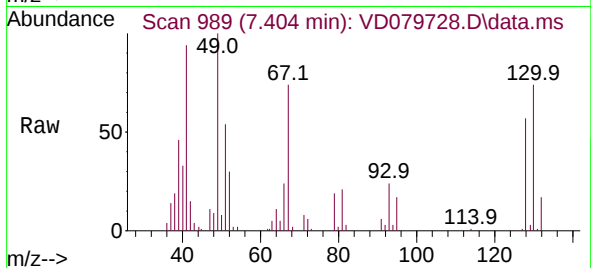
77 24.3 18.1 27.1



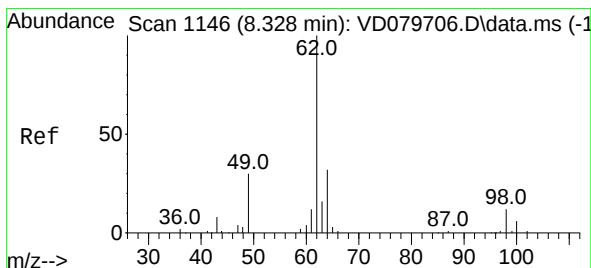
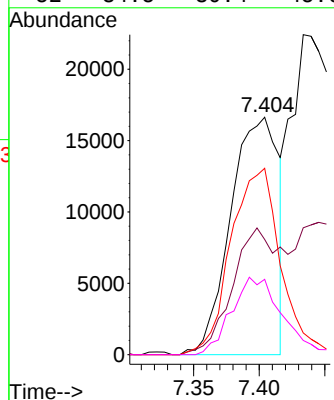
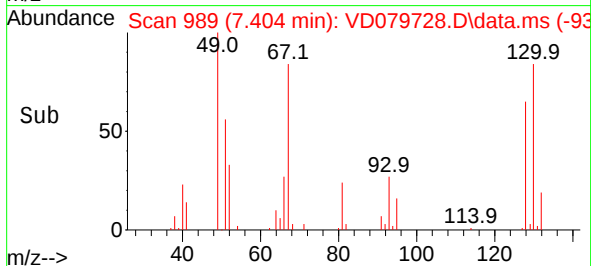


#41
Methacrylonitrile
Concen: 57.675 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.005 min
Lab File: VD079728.D
Acq: 14 Aug 2024 09:22

Instrument :
MSVOA_D
ClientSampleId :

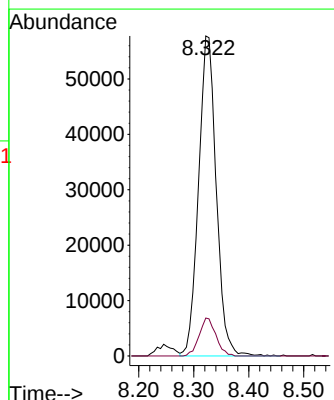
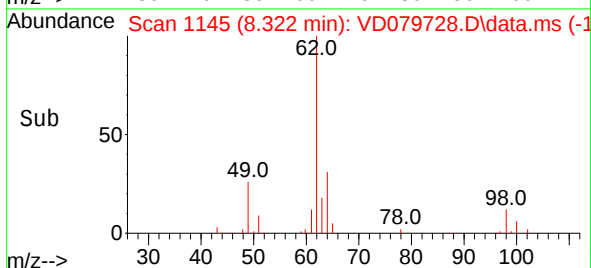
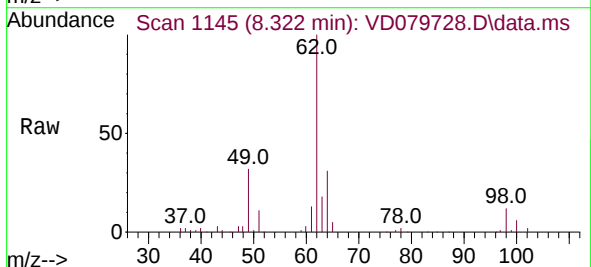


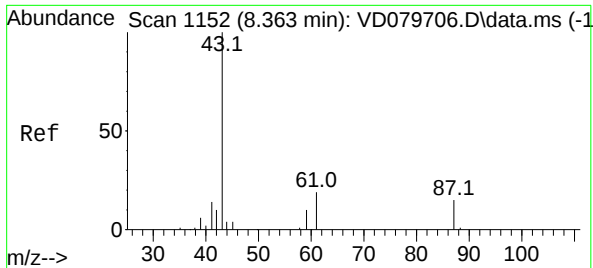
Tgt Ion: 41 Resp: 42313
Ion Ratio Lower Upper
41 100
39 56.0 41.4 62.0
67 81.1 85.8 128.6#
52 34.5 30.4 45.6



#42
1,2-Dichloroethane
Concen: 55.819 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD079728.D
Acq: 14 Aug 2024 09:22

Tgt Ion: 62 Resp: 129164
Ion Ratio Lower Upper
62 100
98 11.3 0.0 25.8

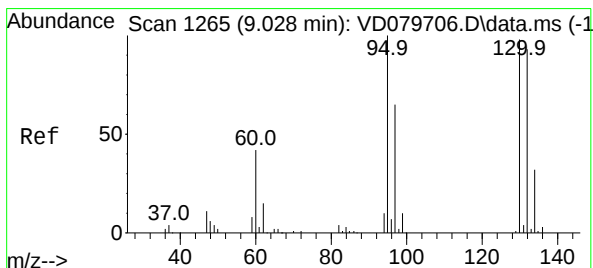
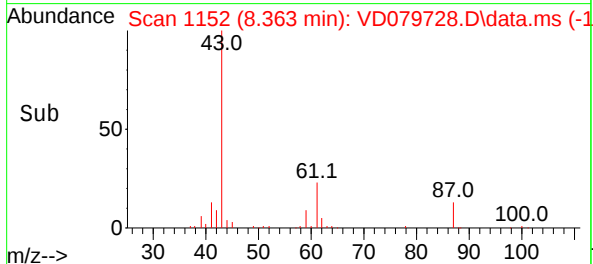
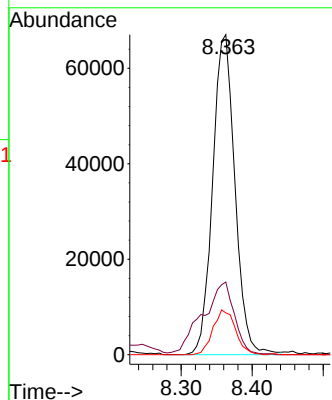
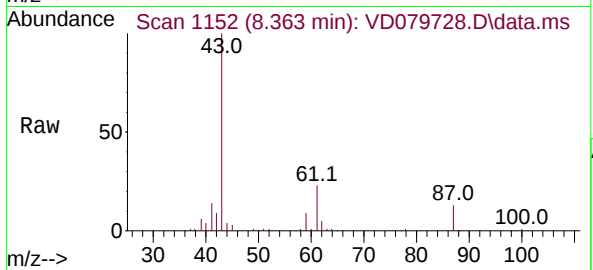




#43
Isopropyl Acetate
Concen: 60.103 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD079728.D
Acq: 14 Aug 2024 09:22

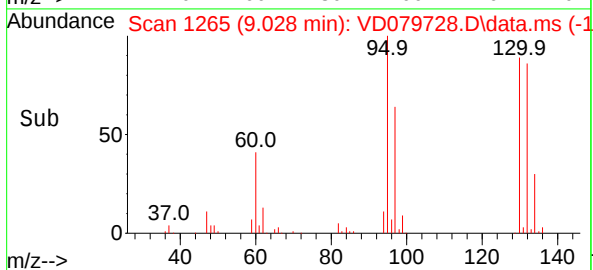
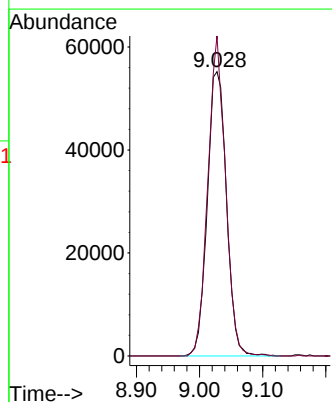
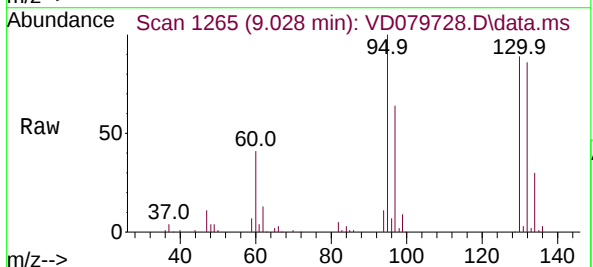
Instrument :
MSVOA_D
ClientSampleId :

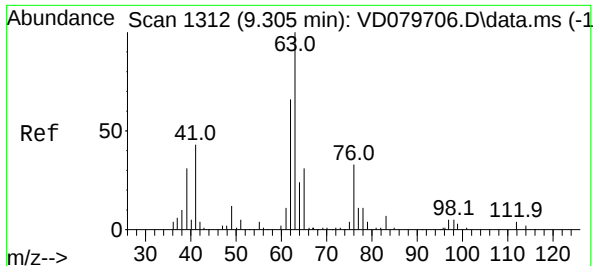
Tgt Ion: 43 Resp: 146015
Ion Ratio Lower Upper
43 100
61 32.7 29.3 43.9
87 14.2 14.9 22.3#



#44
Trichloroethene
Concen: 53.076 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD079728.D
Acq: 14 Aug 2024 09:22

Tgt Ion:130 Resp: 116701
Ion Ratio Lower Upper
130 100
95 112.5 0.0 177.8





#45

1,2-Dichloropropane

Concen: 54.012 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD079728.D

Acq: 14 Aug 2024 09:22

Instrument :

MSVOA_D

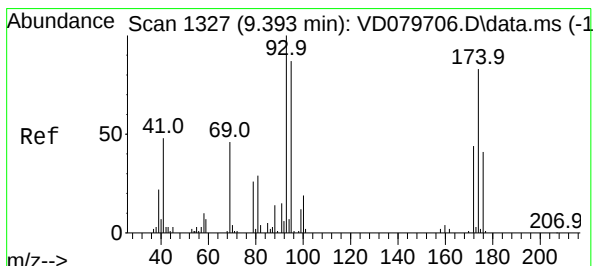
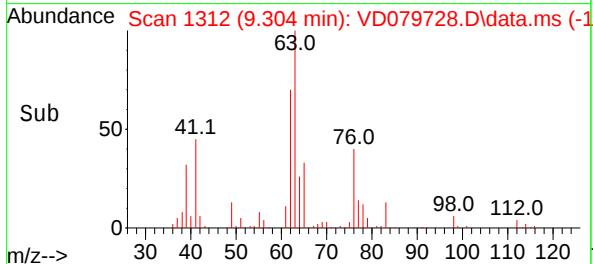
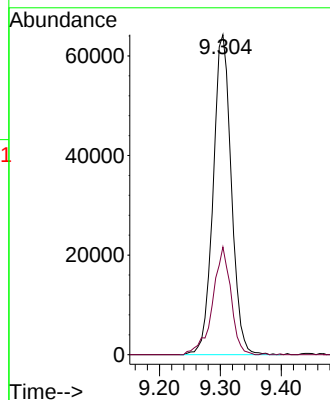
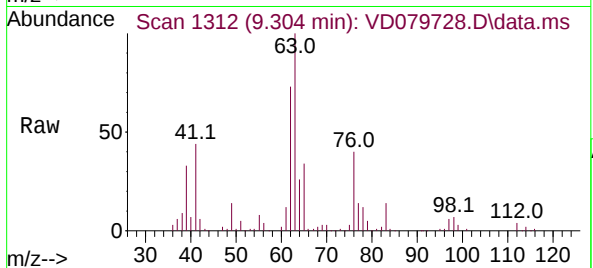
ClientSampleId :

Tgt Ion: 63 Resp: 133091

Ion Ratio Lower Upper

63 100

65 33.7 23.8 35.8



#46

Dibromomethane

Concen: 56.655 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD079728.D

Acq: 14 Aug 2024 09:22

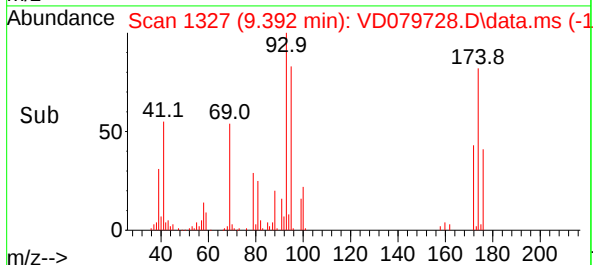
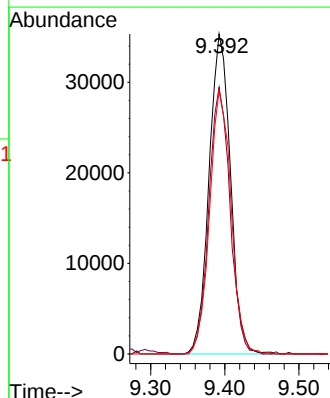
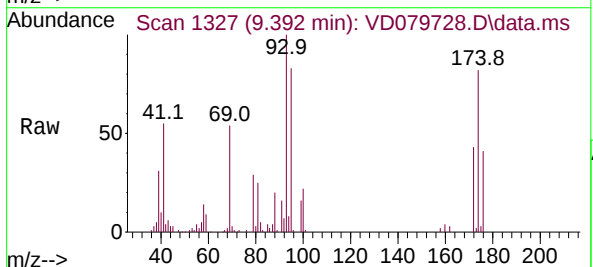
Tgt Ion: 93 Resp: 70677

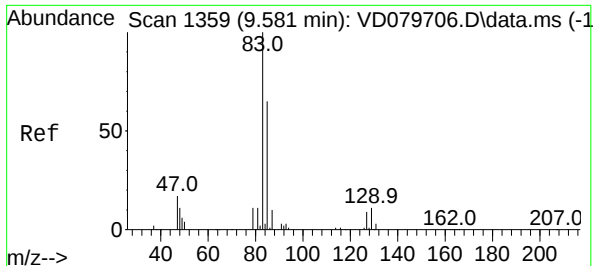
Ion Ratio Lower Upper

93 100

95 82.6 65.6 98.4

174 82.9 82.3 123.5

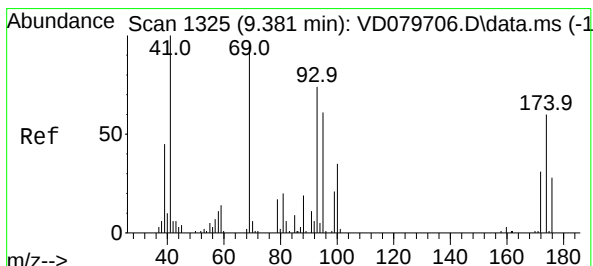
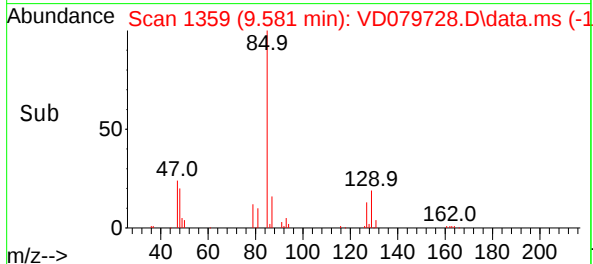
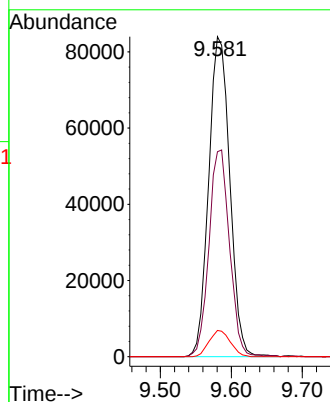
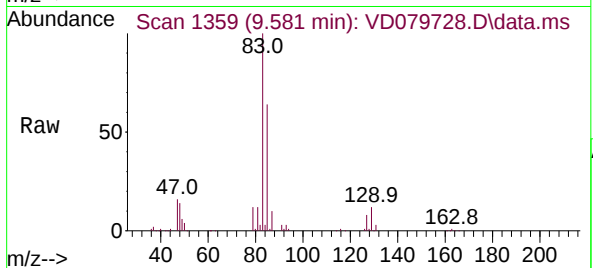




#47
Bromodichloromethane
Concen: 55.146 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD079728.D
Acq: 14 Aug 2024 09:22

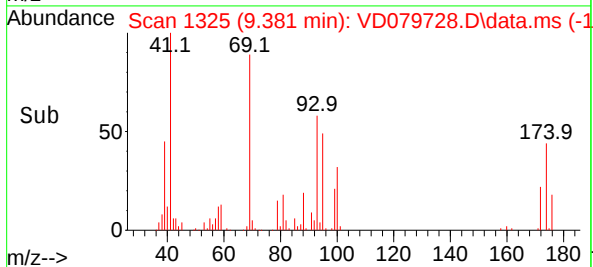
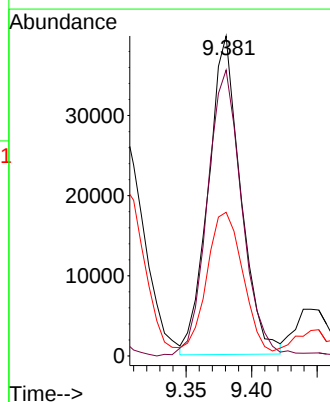
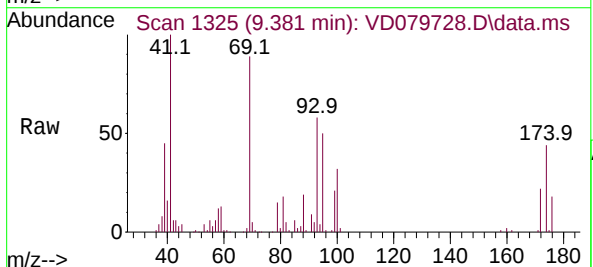
Instrument :
MSVOA_D
ClientSampleId :

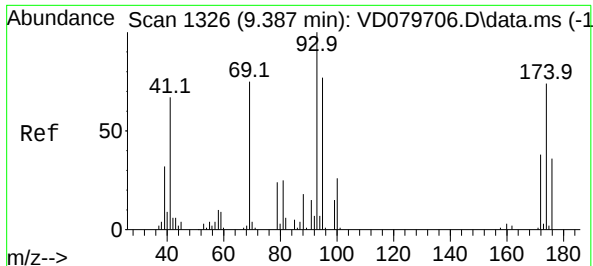
Tgt Ion: 83 Resp: 173414
Ion Ratio Lower Upper
83 100
85 64.1 50.1 75.1
127 8.2 6.8 10.2



#48
Methyl methacrylate
Concen: 61.033 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD079728.D
Acq: 14 Aug 2024 09:22

Tgt Ion: 41 Resp: 68200
Ion Ratio Lower Upper
41 100
69 96.9 96.7 145.1
39 47.4 43.8 65.6





#49

1,4-Dioxane

Concen: 1472.823 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.006 min

Lab File: VD079728.D

Acq: 14 Aug 2024 09:22

Instrument :

MSVOA_D

ClientSampleId :

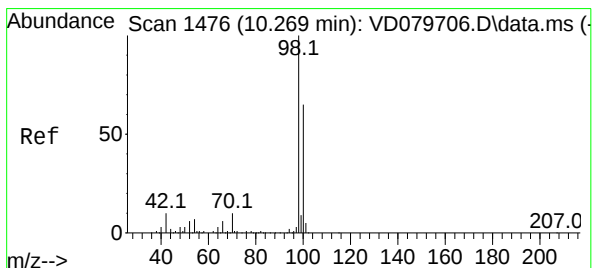
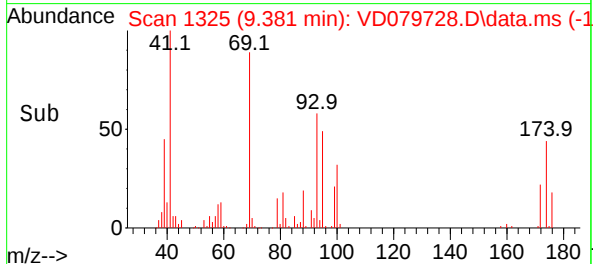
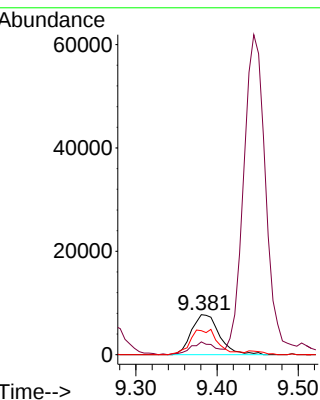
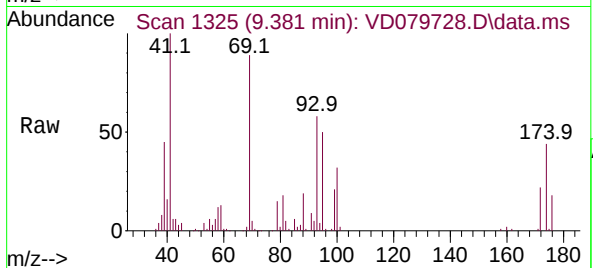
Tgt Ion: 88 Resp: 18492

Ion Ratio Lower Upper

88 100

43 26.5 21.5 32.3

58 62.3 42.2 63.4



#50

Toluene-d8

Concen: 54.456 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD079728.D

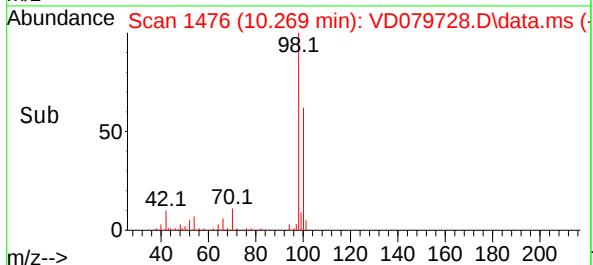
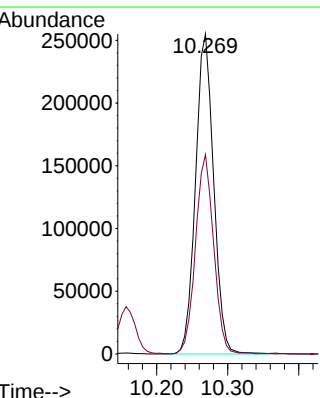
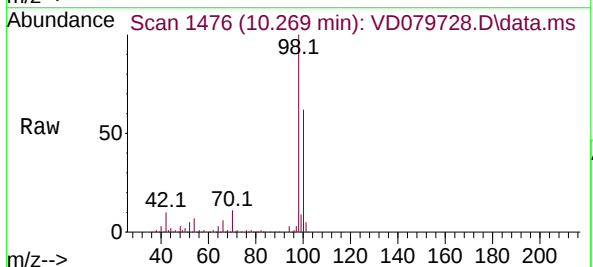
Acq: 14 Aug 2024 09:22

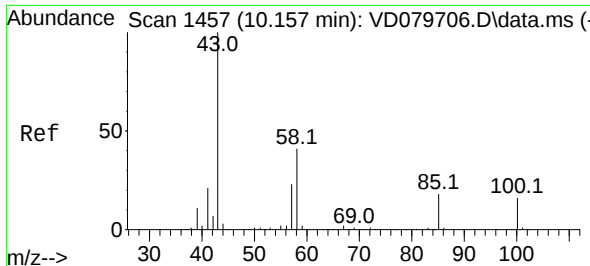
Tgt Ion: 98 Resp: 451949

Ion Ratio Lower Upper

98 100

100 62.3 51.6 77.4

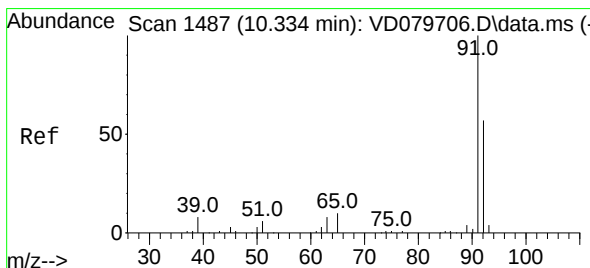
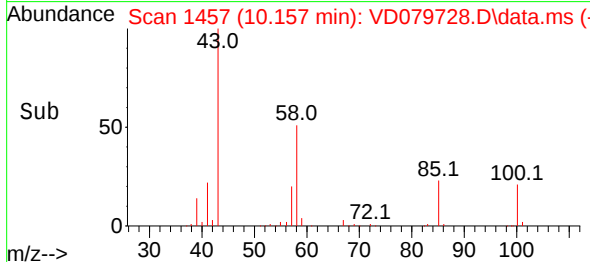
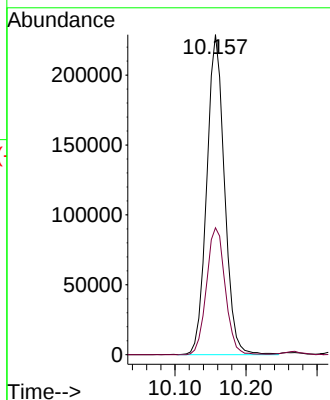
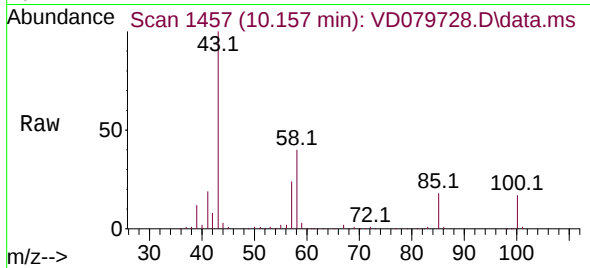




#51
4-Methyl-2-Pentanone
Concen: 317.721 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD079728.D
Acq: 14 Aug 2024 09:22

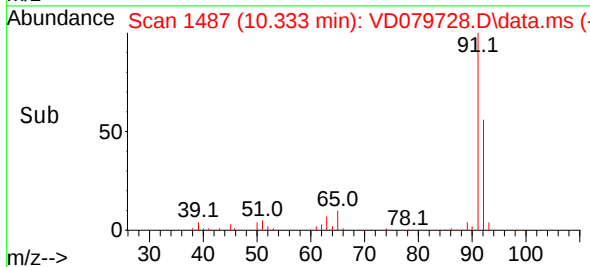
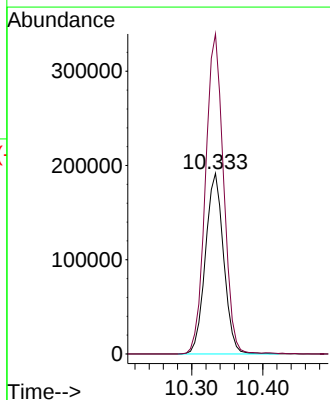
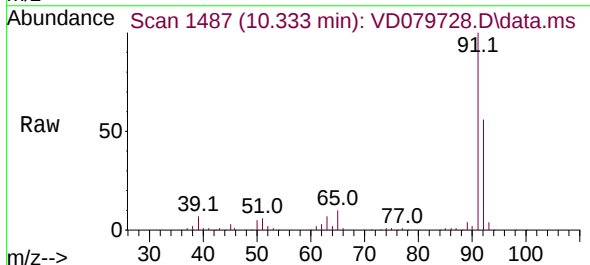
Instrument :
MSVOA_D
ClientSampleId :

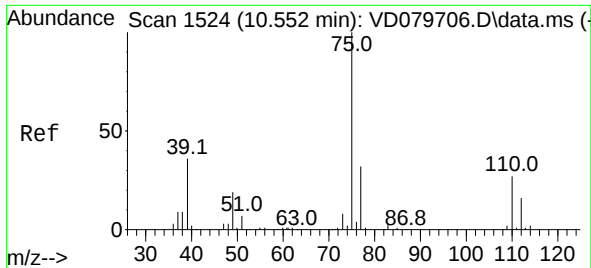
Tgt Ion: 43 Resp: 397106
Ion Ratio Lower Upper
43 100
58 41.8 36.6 55.0



#52
Toluene
Concen: 56.874 ug/l
RT: 10.333 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD079728.D
Acq: 14 Aug 2024 09:22

Tgt Ion: 92 Resp: 341412
Ion Ratio Lower Upper
92 100
91 175.8 141.7 212.5





#53

t-1,3-Dichloropropene

Concen: 56.135 ug/l

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD079728.D

Acq: 14 Aug 2024 09:22

Instrument :

MSVOA_D

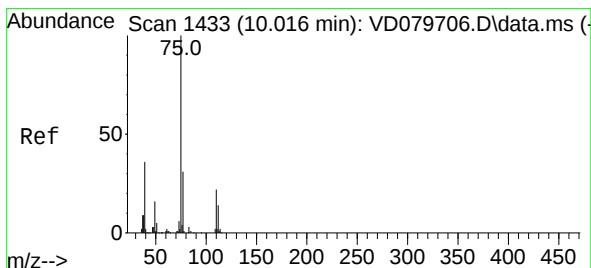
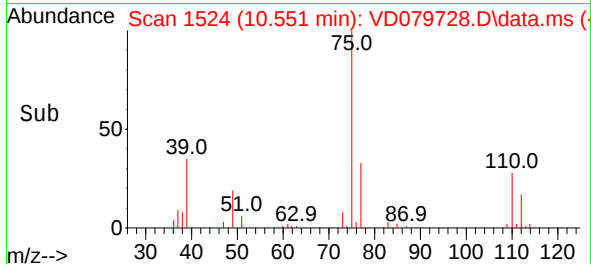
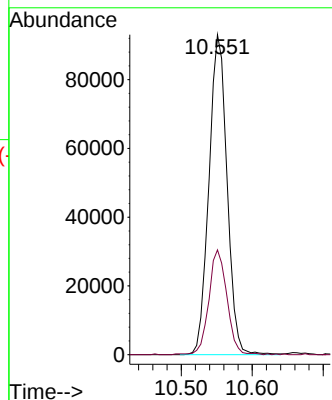
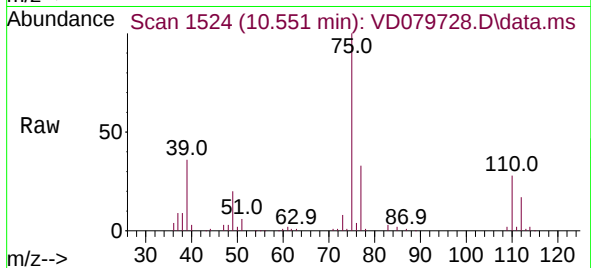
ClientSampleId :

Tgt Ion: 75 Resp: 165014

Ion Ratio Lower Upper

75 100

77 32.8 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 55.937 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD079728.D

Acq: 14 Aug 2024 09:22

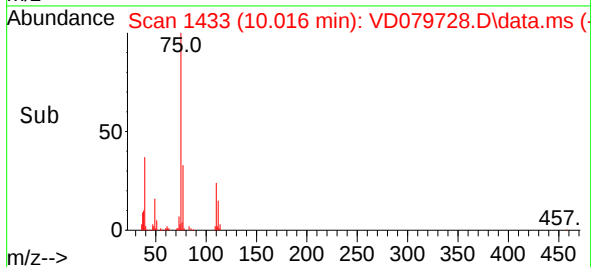
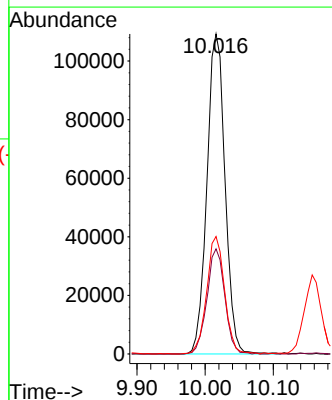
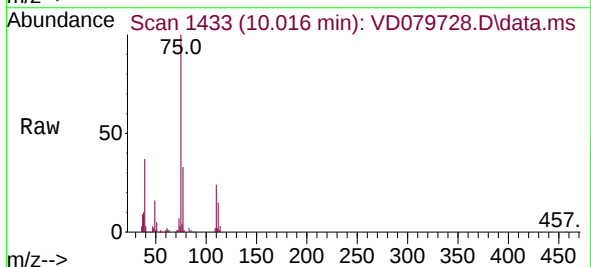
Tgt Ion: 75 Resp: 201813

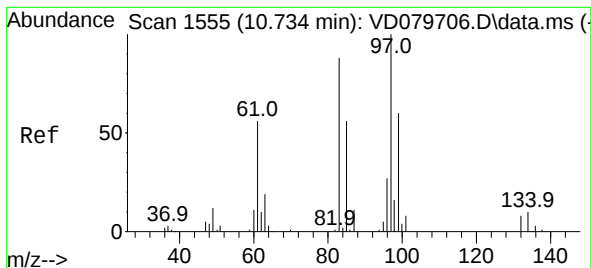
Ion Ratio Lower Upper

75 100

77 32.8 24.4 36.6

39 36.7 24.2 36.2#





#55

1,1,2-Trichloroethane

Concen: 58.402 ug/l

RT: 10.733 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD079728.D

Acq: 14 Aug 2024 09:22

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 97122

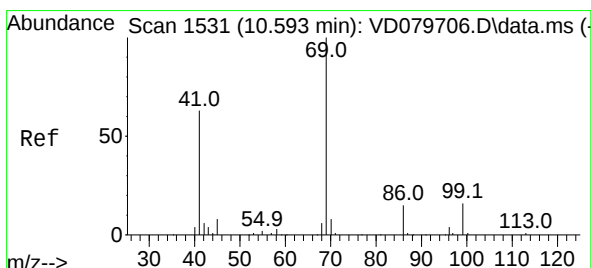
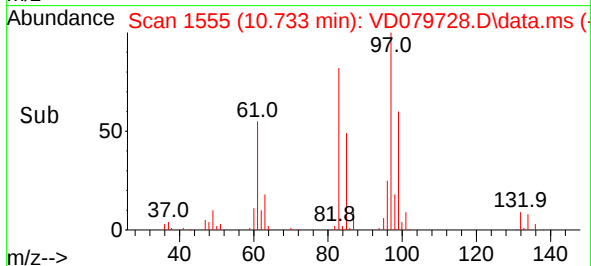
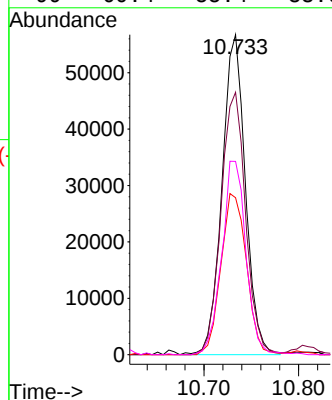
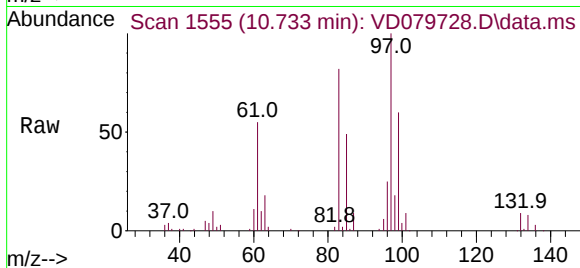
Ion Ratio Lower Upper

97 100

83 82.0 65.8 98.8

85 49.1 43.8 65.8

99 60.4 55.4 83.0



#56

Ethyl methacrylate

Concen: 61.340 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.005 min

Lab File: VD079728.D

Acq: 14 Aug 2024 09:22

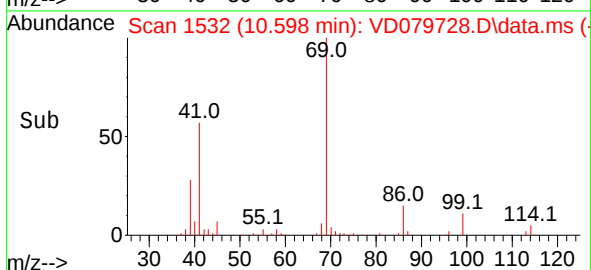
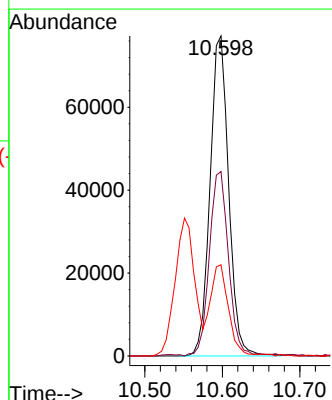
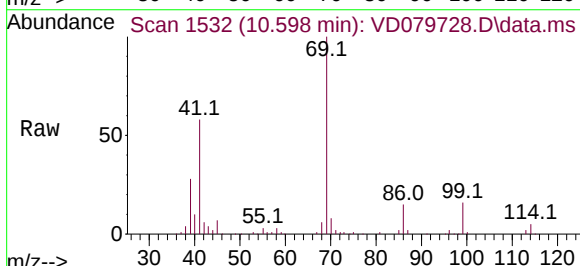
Tgt Ion: 69 Resp: 128787

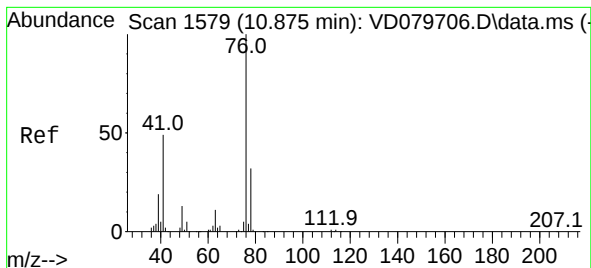
Ion Ratio Lower Upper

69 100

41 59.7 39.8 59.6#

39 27.2 20.2 30.4





#57

1,3-Dichloropropane

Concen: 57.816 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.000 min

Lab File: VD079728.D

Acq: 14 Aug 2024 09:22

Instrument :

MSVOA_D

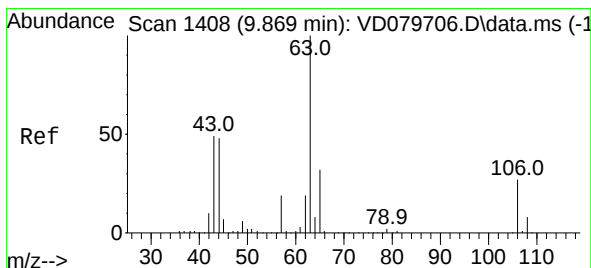
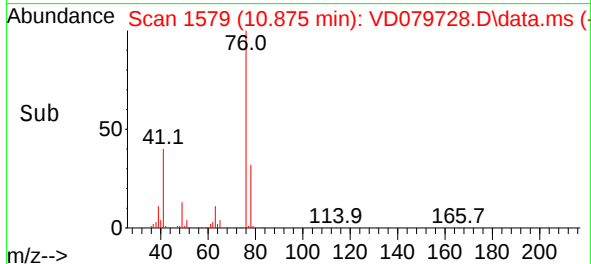
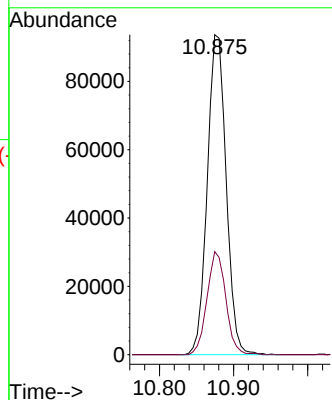
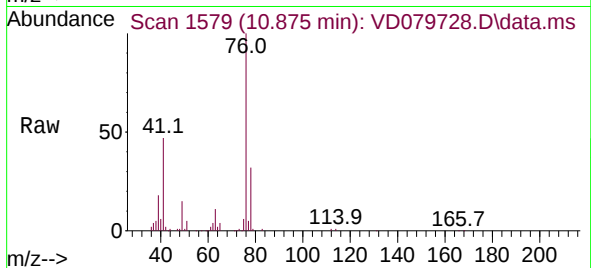
ClientSampleId :

Tgt Ion: 76 Resp: 165754

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 311.932 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD079728.D

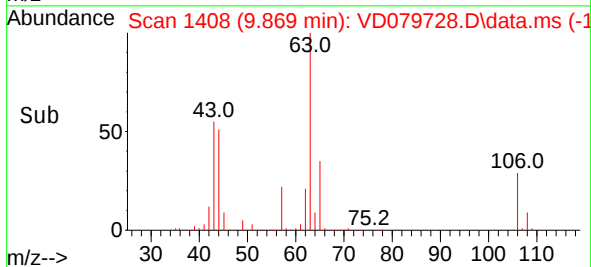
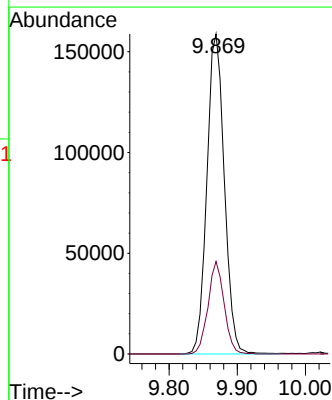
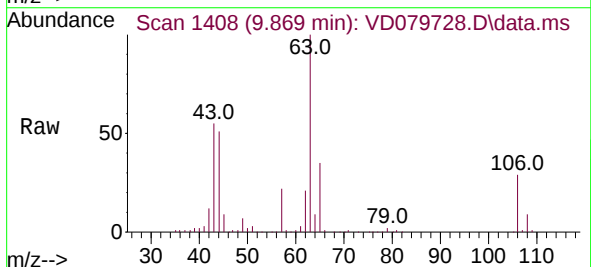
Acq: 14 Aug 2024 09:22

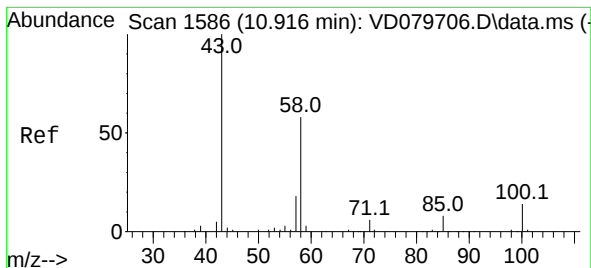
Tgt Ion: 63 Resp: 282884

Ion Ratio Lower Upper

63 100

106 26.6 26.4 39.6





#59

2-Hexanone

Concen: 323.878 ug/l

RT: 10.916 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VD079728.D

Acq: 14 Aug 2024 09:22

Instrument :

MSVOA_D

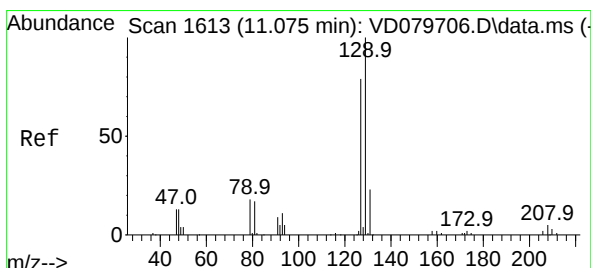
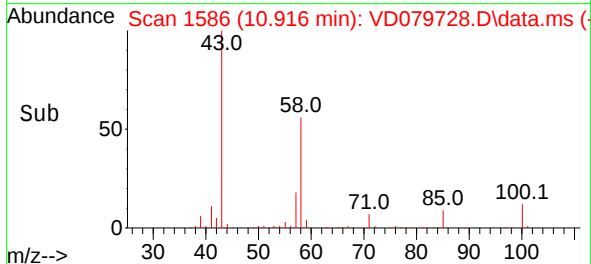
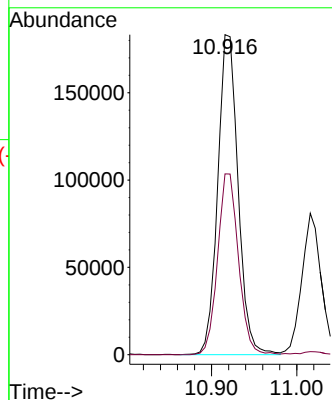
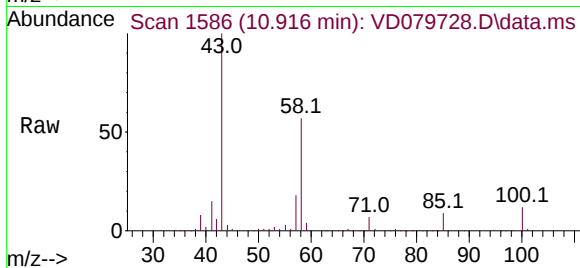
ClientSampleId :

Tgt Ion: 43 Resp: 303976

Ion Ratio Lower Upper

43 100

58 58.0 31.1 93.5



#60

Dibromochloromethane

Concen: 57.425 ug/l

RT: 11.075 min Scan# 1613

Delta R.T. -0.000 min

Lab File: VD079728.D

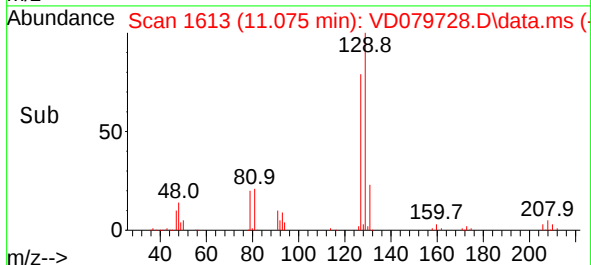
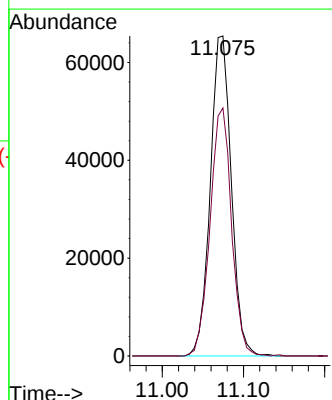
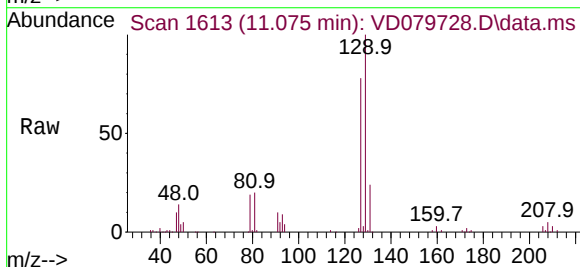
Acq: 14 Aug 2024 09:22

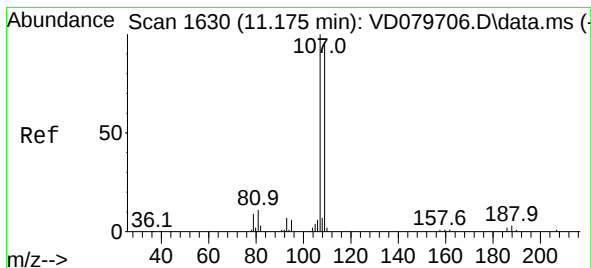
Tgt Ion: 129 Resp: 117658

Ion Ratio Lower Upper

129 100

127 79.1 38.0 113.9





#61

1,2-Dibromoethane

Concen: 57.583 ug/l

RT: 11.175 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079728.D

Acq: 14 Aug 2024 09:22

Instrument :

MSVOA_D

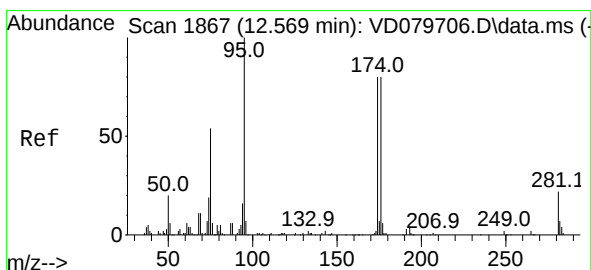
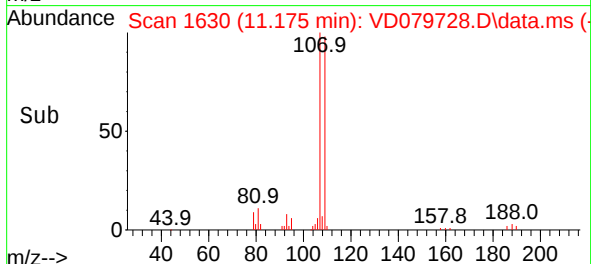
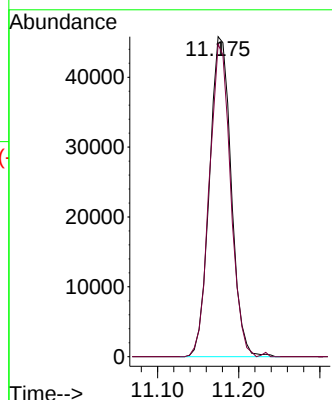
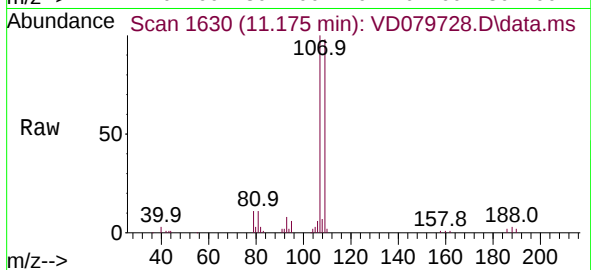
ClientSampleId :

Tgt Ion:107 Resp: 85032

Ion Ratio Lower Upper

107 100

109 95.4 72.0 108.0



#62

4-Bromofluorobenzene

Concen: 55.630 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VD079728.D

Acq: 14 Aug 2024 09:22

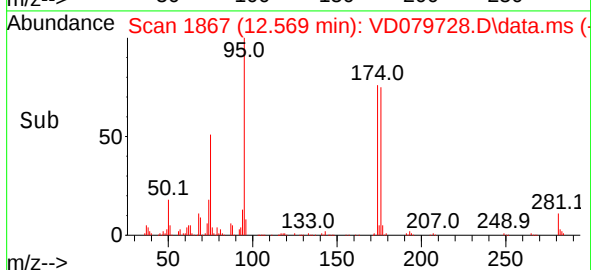
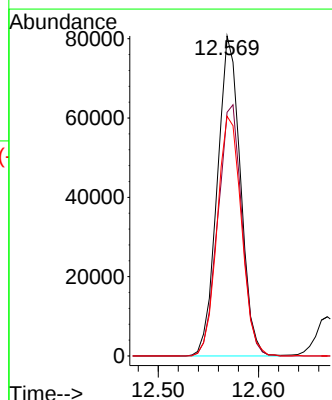
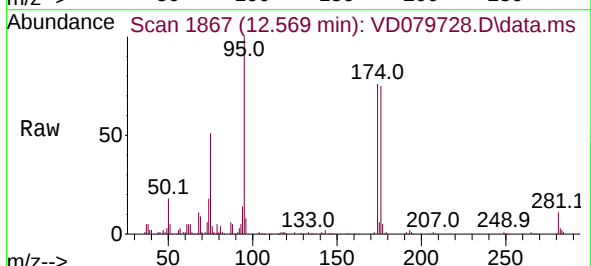
Tgt Ion: 95 Resp: 129274

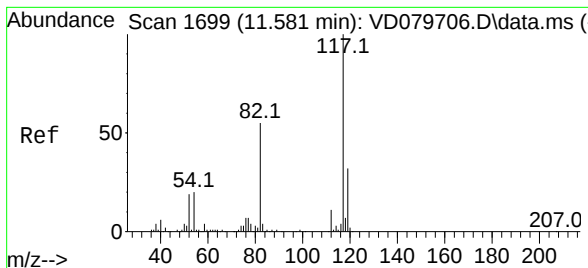
Ion Ratio Lower Upper

95 100

174 81.0 0.0 195.4

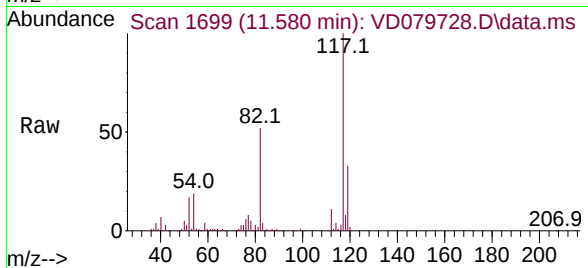
176 78.3 0.0 192.6



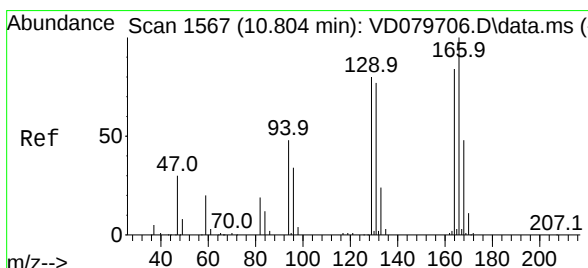
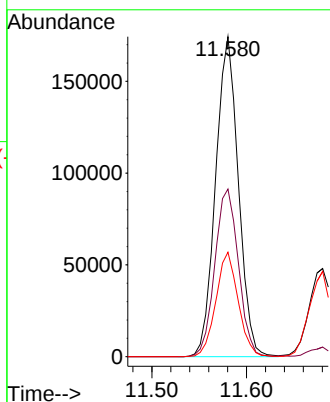
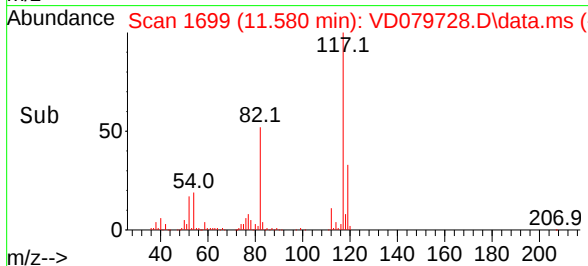


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD079728.D
Acq: 14 Aug 2024 09:22

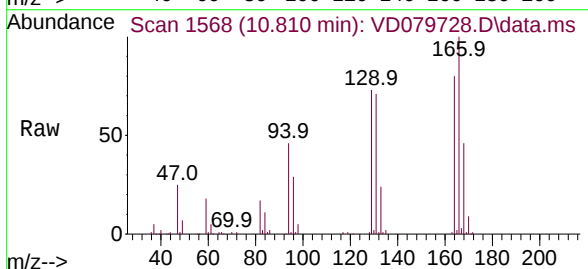
Instrument :
MSVOA_D
ClientSampleId :



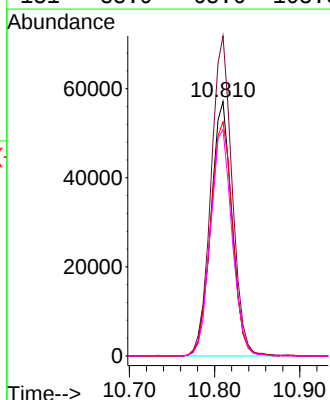
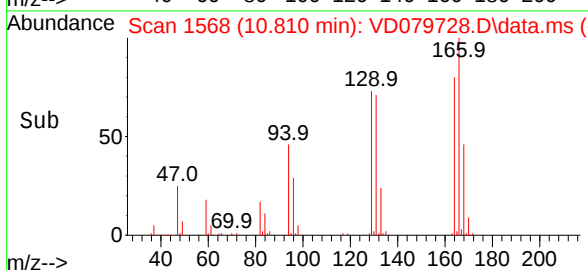
Tgt Ion:117 Resp: 291663
Ion Ratio Lower Upper
117 100
82 52.4 39.8 59.6
119 32.7 25.7 38.5

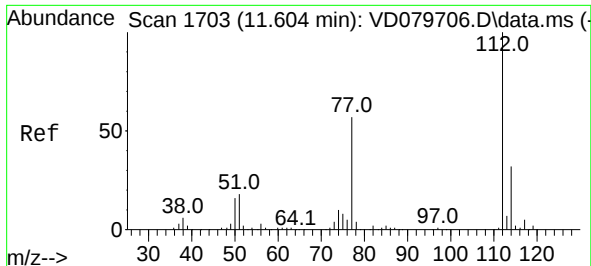


#64
Tetrachloroethene
Concen: 55.324 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.005 min
Lab File: VD079728.D
Acq: 14 Aug 2024 09:22



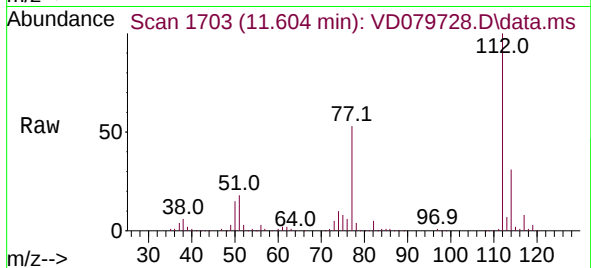
Tgt Ion:164 Resp: 98593
Ion Ratio Lower Upper
164 100
166 125.8 108.6 163.0
129 92.0 74.6 112.0
131 88.9 68.6 103.0



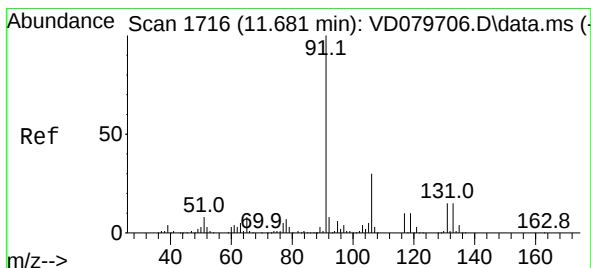
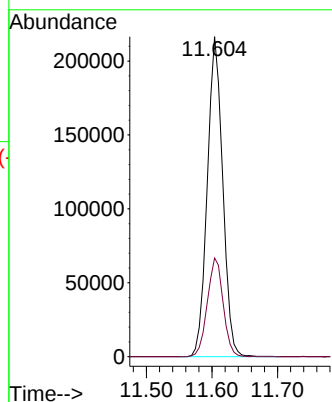
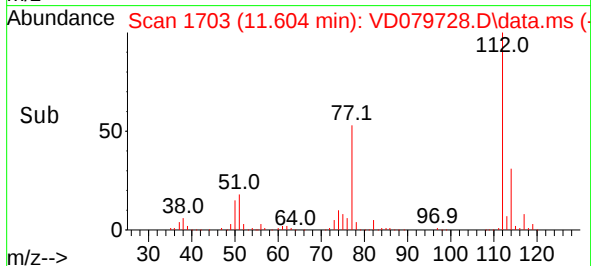


#65
Chlorobenzene
Concen: 55.321 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD079728.D
Acq: 14 Aug 2024 09:22

Instrument :
MSVOA_D
ClientSampleId :

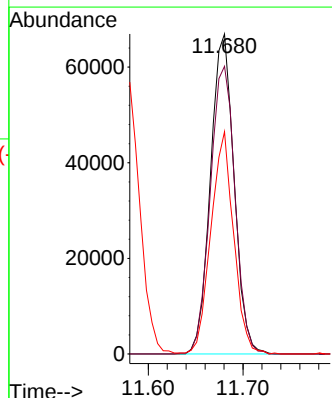
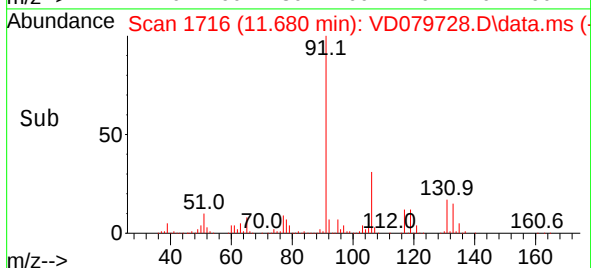
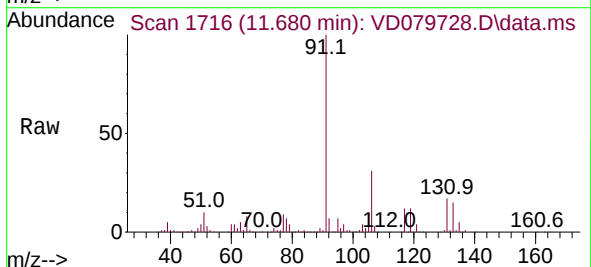


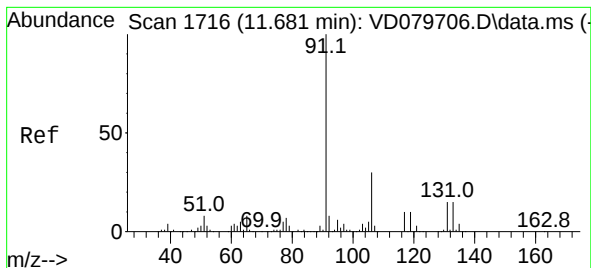
Tgt Ion:112 Resp: 354300
Ion Ratio Lower Upper
112 100
114 30.8 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 55.378 ug/l
RT: 11.680 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079728.D
Acq: 14 Aug 2024 09:22

Tgt Ion:131 Resp: 115629
Ion Ratio Lower Upper
131 100
133 94.7 49.2 147.6
119 67.1 33.4 100.2





#67

Ethyl Benzene

Concen: 56.092 ug/l

RT: 11.680 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD079728.D

Acq: 14 Aug 2024 09:22

Instrument :

MSVOA_D

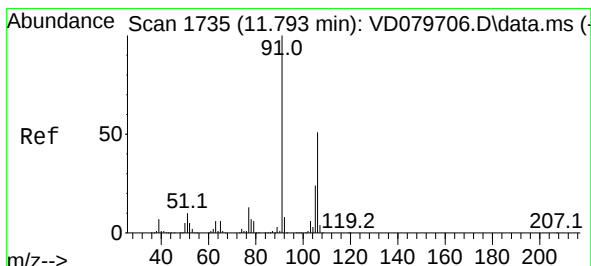
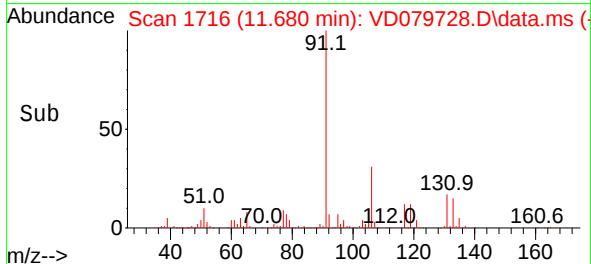
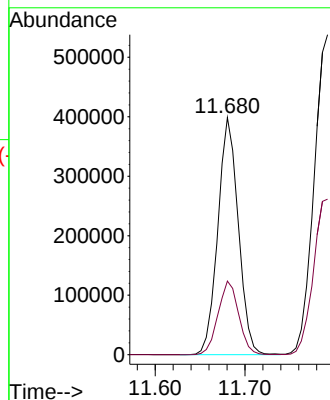
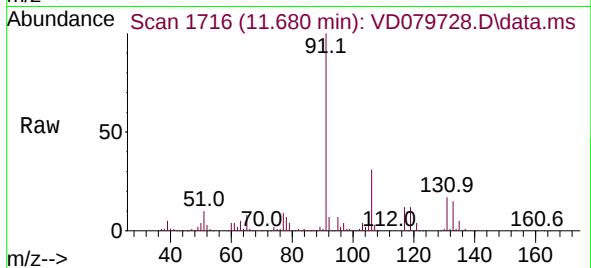
ClientSampleId :

Tgt Ion: 91 Resp: 630327

Ion Ratio Lower Upper

91 100

106 31.1 25.8 38.6



#68

m/p-Xylenes

Concen: 116.028 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD079728.D

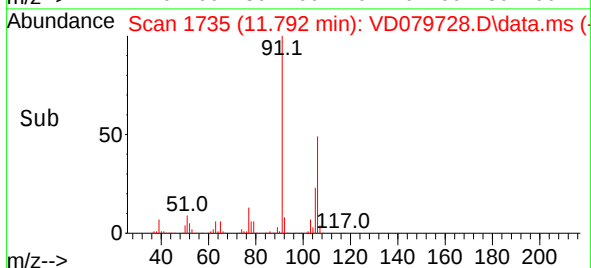
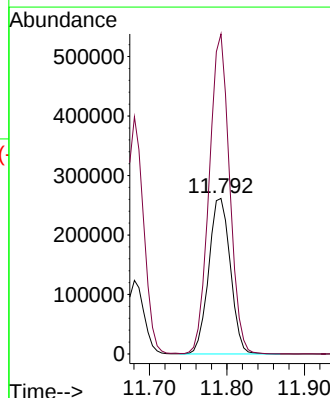
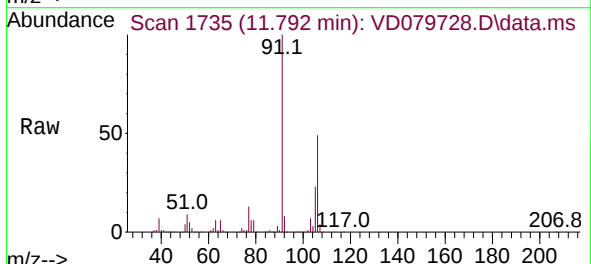
Acq: 14 Aug 2024 09:22

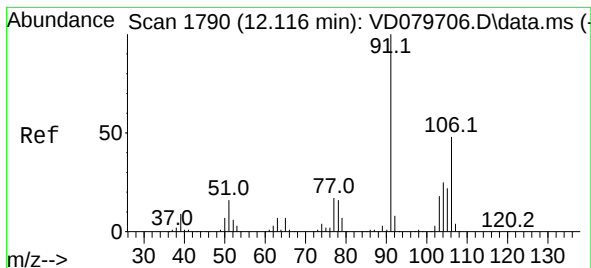
Tgt Ion:106 Resp: 507019

Ion Ratio Lower Upper

106 100

91 194.1 148.5 222.7

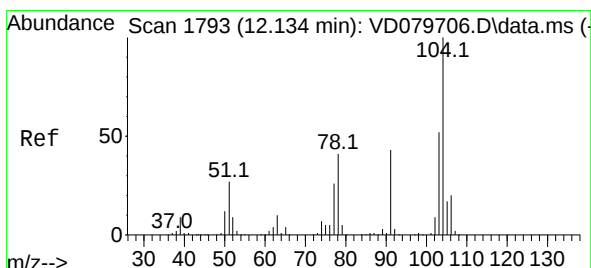
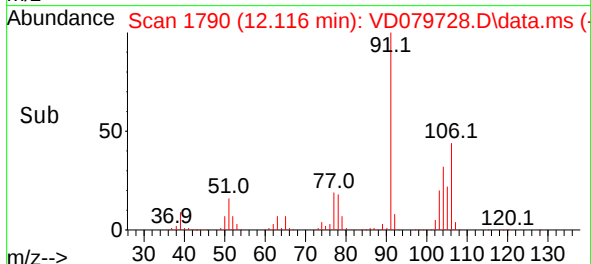
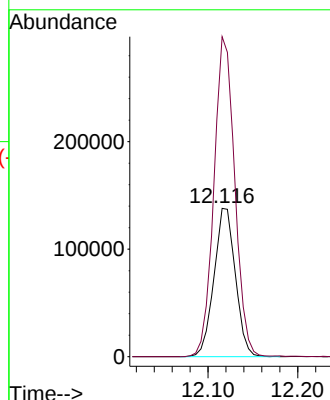
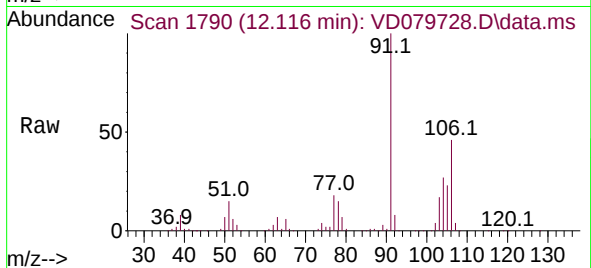




#69
o-Xylene
Concen: 57.226 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VD079728.D
Acq: 14 Aug 2024 09:22

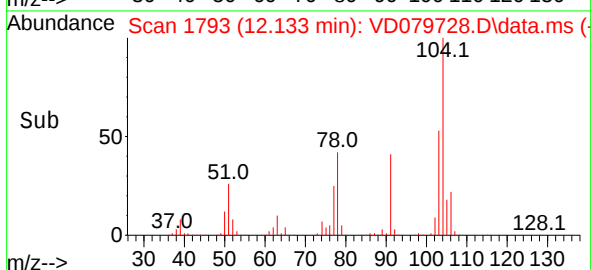
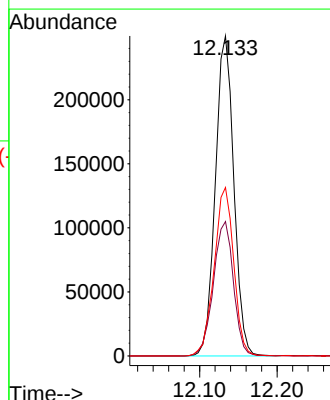
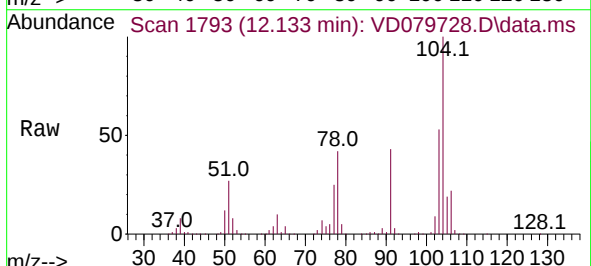
Instrument :
MSVOA_D
ClientSampleId :

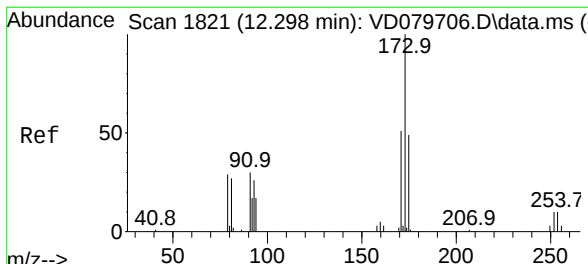
Tgt Ion:106 Resp: 228551
Ion Ratio Lower Upper
106 100
91 210.6 96.7 290.1



#70
Styrene
Concen: 59.025 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079728.D
Acq: 14 Aug 2024 09:22

Tgt Ion:104 Resp: 413548
Ion Ratio Lower Upper
104 100
78 45.6 33.0 49.6
103 55.9 44.2 66.4

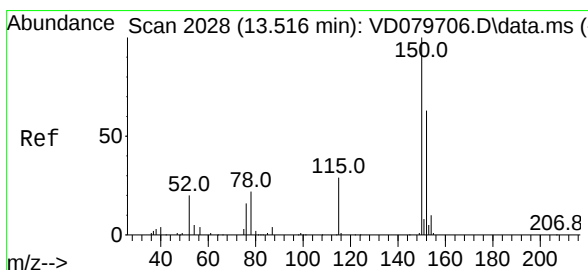
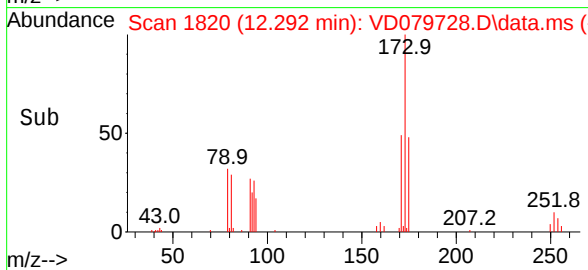
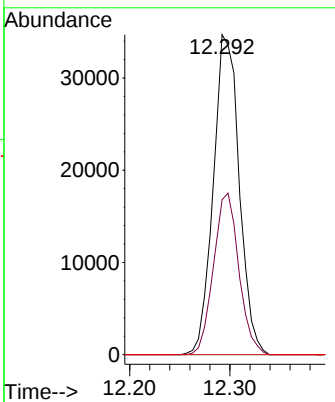
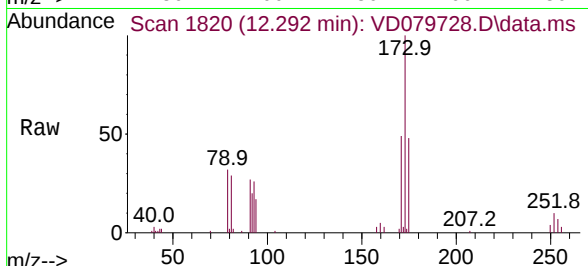




#71
 Bromoform
 Concen: 58.002 ug/l
 RT: 12.292 min Scan# 1820
 Delta R.T. -0.006 min
 Lab File: VD079728.D
 Acq: 14 Aug 2024 09:22

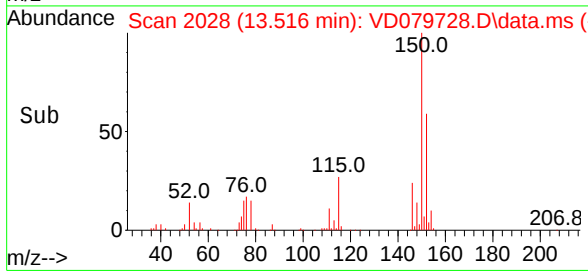
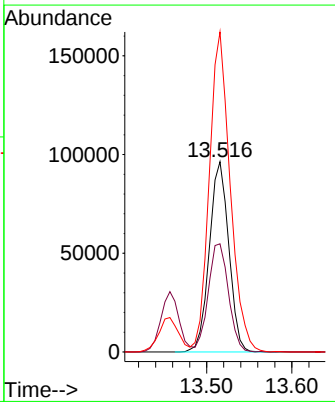
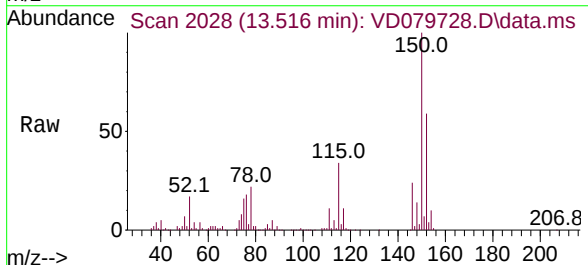
Instrument :
 MSVOA_D
 ClientSampleId :

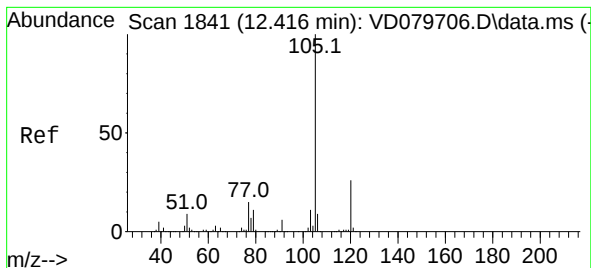
Tgt Ion:	173	Resp:	62253
Ion Ratio	Lower	Upper	
173	100		
175	49.3	23.7	71.1
254	0.0	0.0	0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. -0.000 min
 Lab File: VD079728.D
 Acq: 14 Aug 2024 09:22

Tgt Ion:	152	Resp:	152751
Ion Ratio	Lower	Upper	
152	100		
115	58.9	26.5	79.5
150	180.6	0.0	341.6





#73

Isopropylbenzene

Concen: 55.531 ug/l

RT: 12.416 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VD079728.D

Acq: 14 Aug 2024 09:22

Instrument :

MSVOA_D

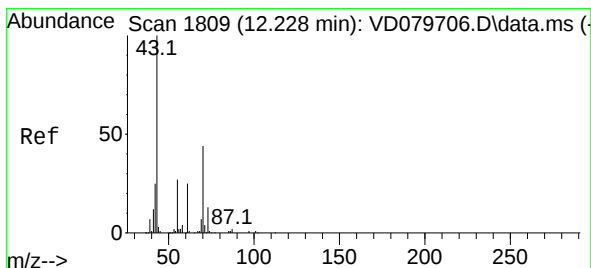
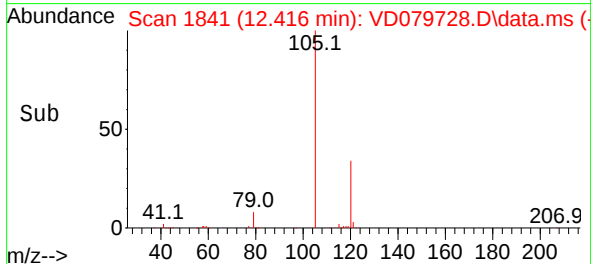
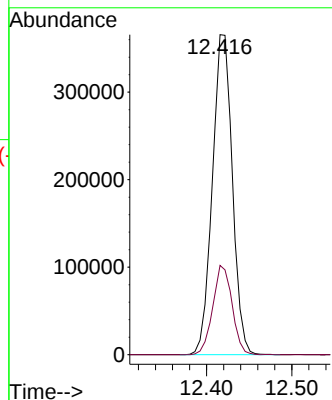
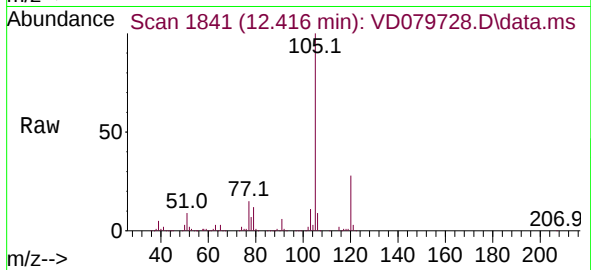
ClientSampleId :

Tgt Ion:105 Resp: 595511

Ion Ratio Lower Upper

105 100

120 26.9 13.6 40.7



#74

N-ethyl acetate

Concen: 61.386 ug/l

RT: 12.227 min Scan# 1809

Delta R.T. -0.000 min

Lab File: VD079728.D

Acq: 14 Aug 2024 09:22

Tgt Ion: 43 Resp: 146664

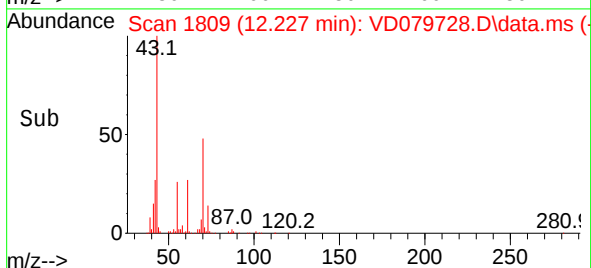
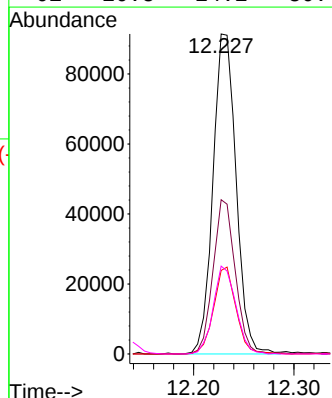
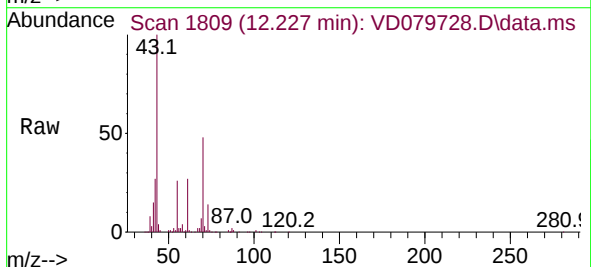
Ion Ratio Lower Upper

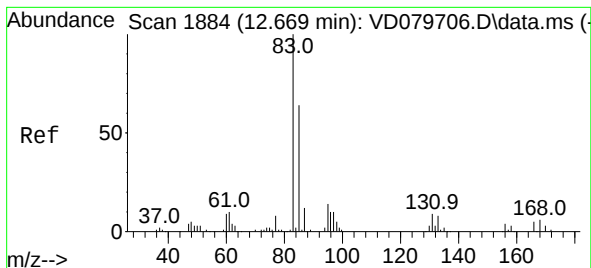
43 100

70 46.3 44.3 66.5

55 26.2 23.2 34.8

61 26.8 24.2 36.4





#75

1,1,2,2-Tetrachloroethane

Concen: 56.465 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VD079728.D

Acq: 14 Aug 2024 09:22

Instrument :

MSVOA_D

ClientSampleId :

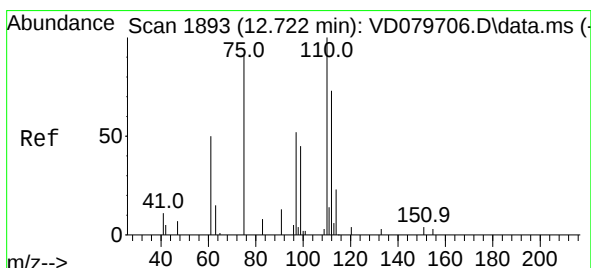
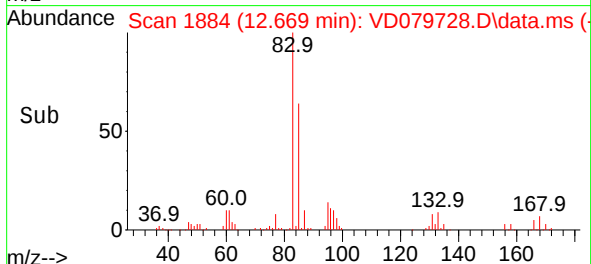
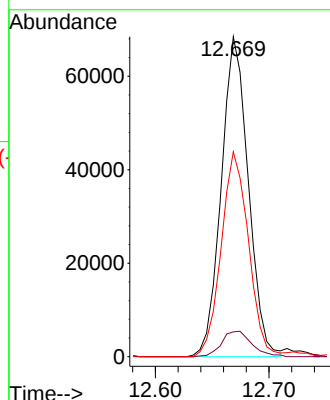
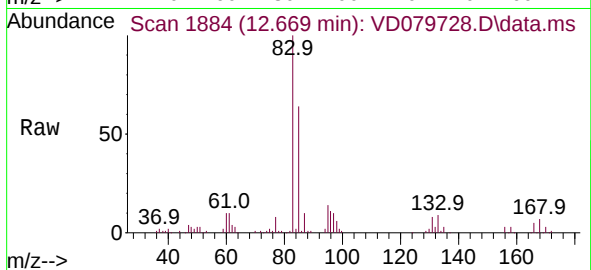
Tgt Ion: 83 Resp: 113063

Ion Ratio Lower Upper

83 100

131 8.9 5.5 16.5

85 64.8 33.8 101.3



#76

1,2,3-Trichloropropane

Concen: 114.755 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD079728.D

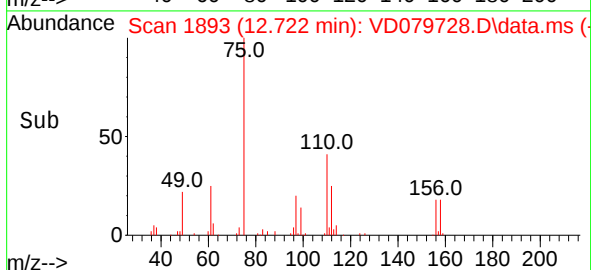
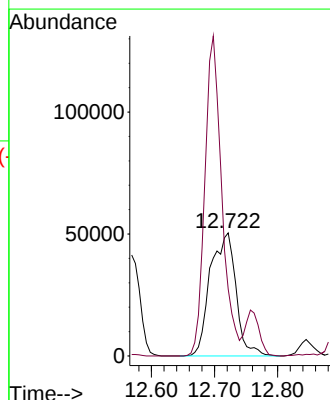
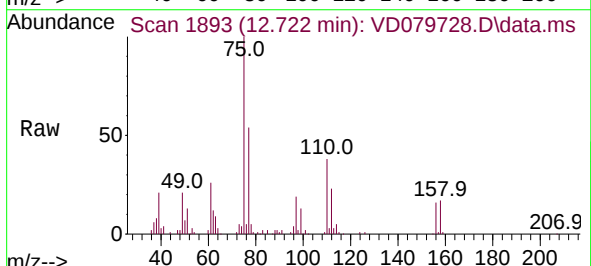
Acq: 14 Aug 2024 09:22

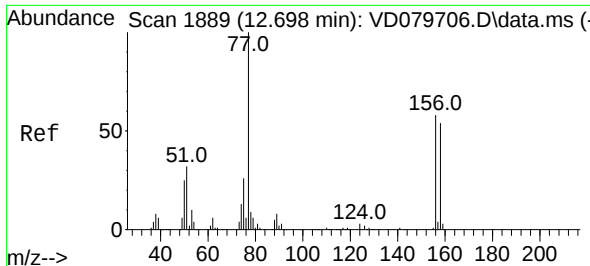
Tgt Ion: 75 Resp: 142900

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

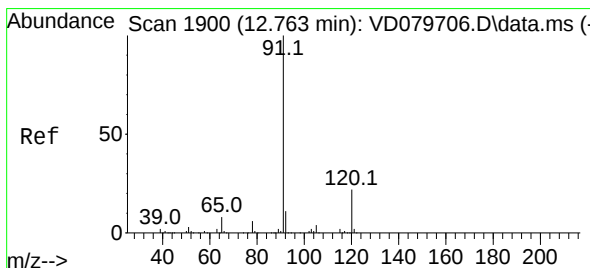
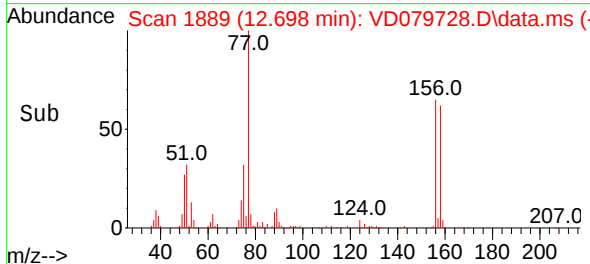
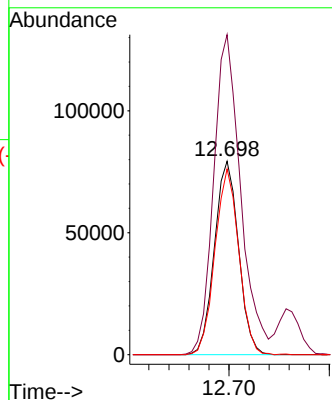
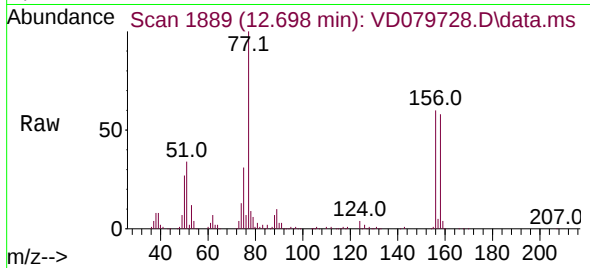




#77
Bromobenzene
Concen: 55.164 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VD079728.D
Acq: 14 Aug 2024 09:22

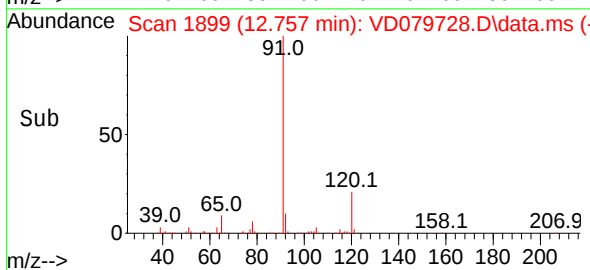
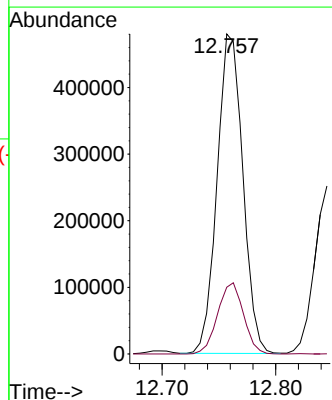
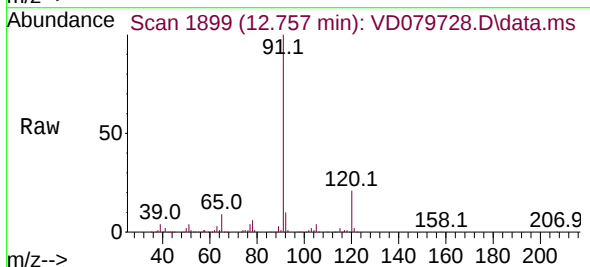
Instrument :
MSVOA_D
ClientSampleId :

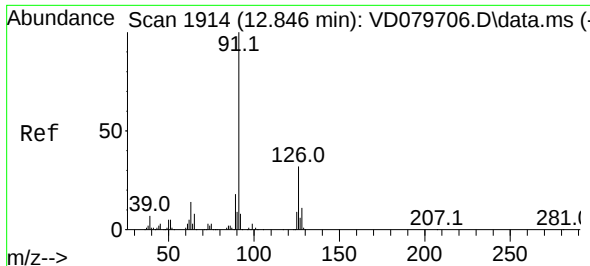
Tgt Ion:156 Resp: 132307
Ion Ratio Lower Upper
156 100
77 185.3 77.3 231.9
158 95.0 49.6 149.0



#78
n-propylbenzene
Concen: 56.951 ug/l
RT: 12.757 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VD079728.D
Acq: 14 Aug 2024 09:22

Tgt Ion: 91 Resp: 755743
Ion Ratio Lower Upper
91 100
120 22.3 12.3 36.8





#79

2-Chlorotoluene

Concen: 54.797 ug/l

RT: 12.845 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VD079728.D

Acq: 14 Aug 2024 09:22

Instrument :

MSVOA_D

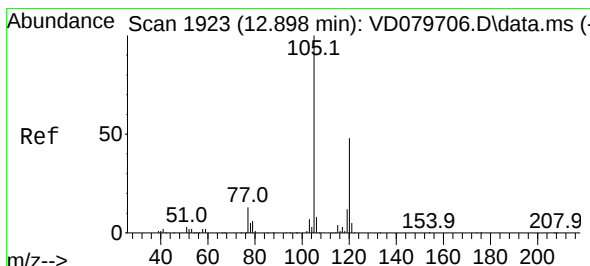
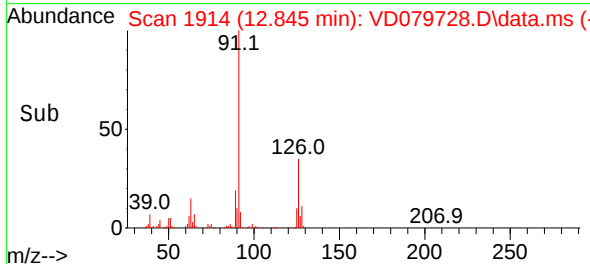
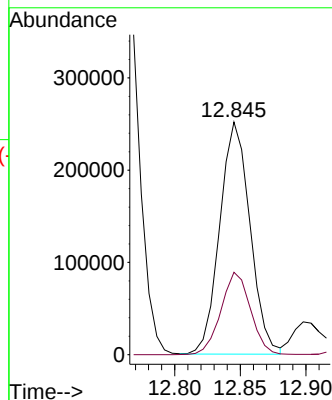
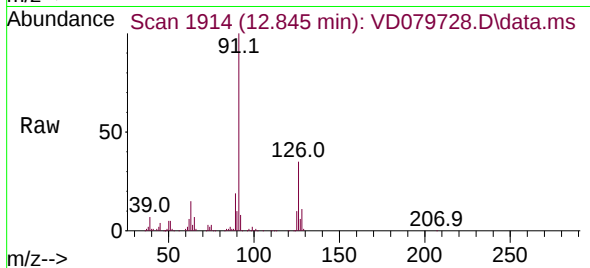
ClientSampleId :

Tgt Ion: 91 Resp: 404923

Ion Ratio Lower Upper

91 100

126 34.7 19.3 57.8



#80

1,3,5-Trimethylbenzene

Concen: 56.928 ug/l

RT: 12.898 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VD079728.D

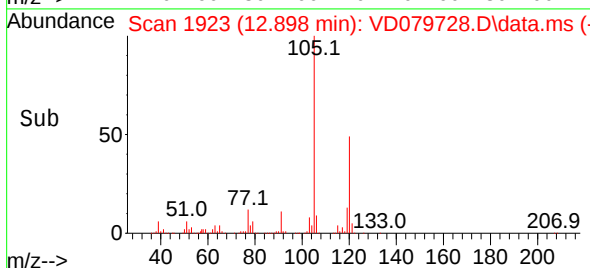
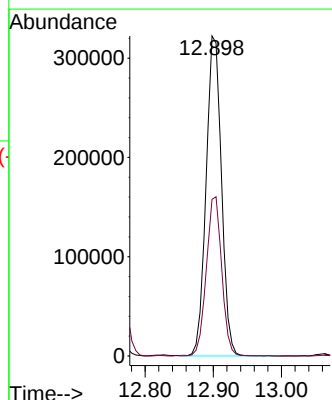
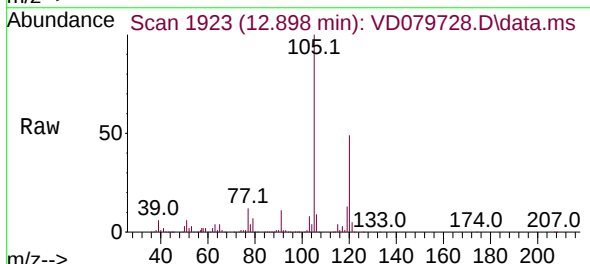
Acq: 14 Aug 2024 09:22

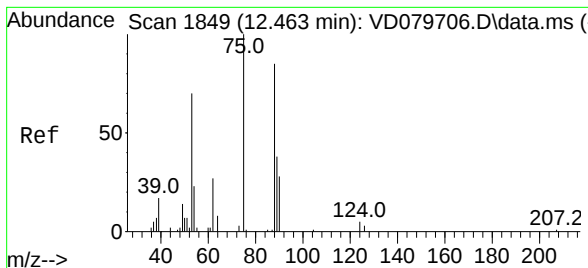
Tgt Ion:105 Resp: 506262

Ion Ratio Lower Upper

105 100

120 49.8 25.7 77.1

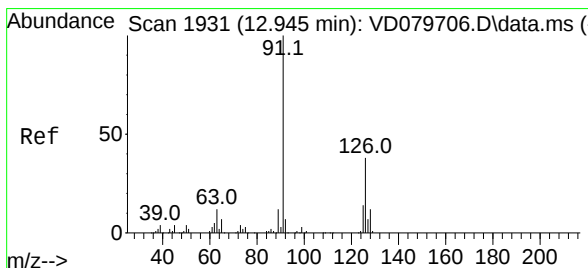
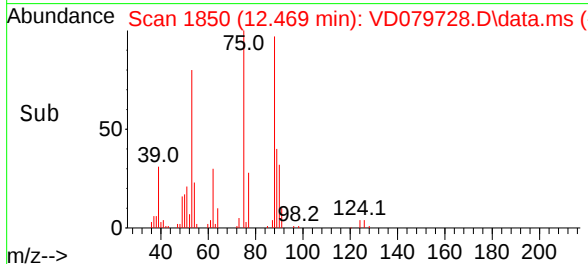
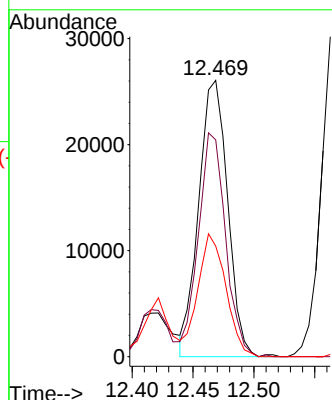
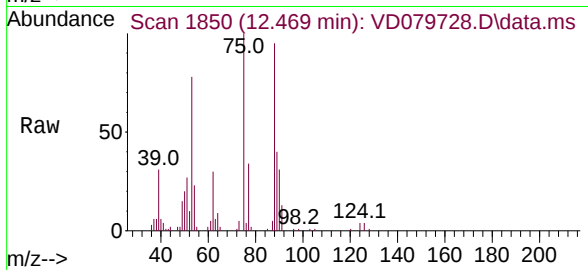




#81
trans-1,4-Dichloro-2-butene
Concen: 59.074 ug/l
RT: 12.469 min Scan# 1849
Delta R.T. 0.005 min
Lab File: VD079728.D
Acq: 14 Aug 2024 09:22

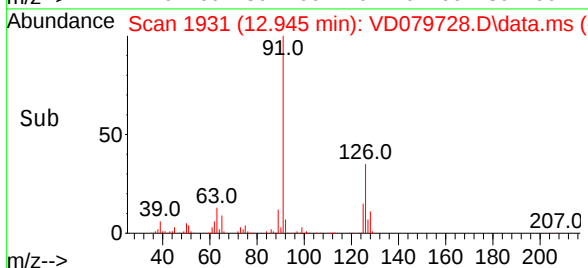
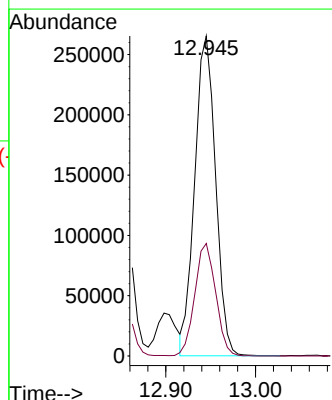
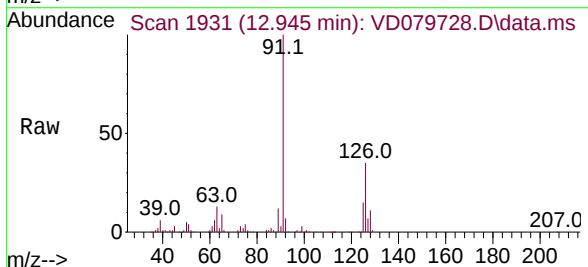
Instrument :
MSVOA_D
ClientSampleId :

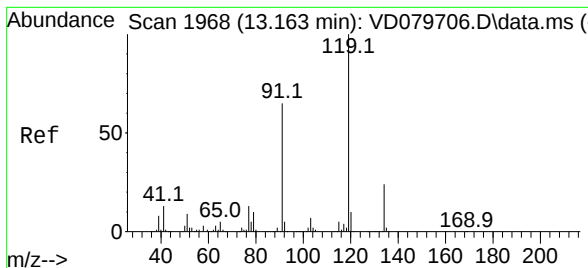
Tgt Ion: 75 Resp: 43167
Ion Ratio Lower Upper
75 100
53 77.3 61.4 92.2
89 43.2 35.4 53.0



#82
4-Chlorotoluene
Concen: 55.062 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD079728.D
Acq: 14 Aug 2024 09:22

Tgt Ion: 91 Resp: 427862
Ion Ratio Lower Upper
91 100
126 35.3 18.9 56.9





#83

tert-Butylbenzene

Concen: 57.279 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. -0.000 min

Lab File: VD079728.D

Acq: 14 Aug 2024 09:22

Instrument :

MSVOA_D

ClientSampleId :

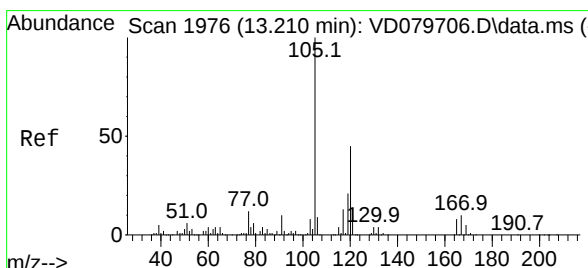
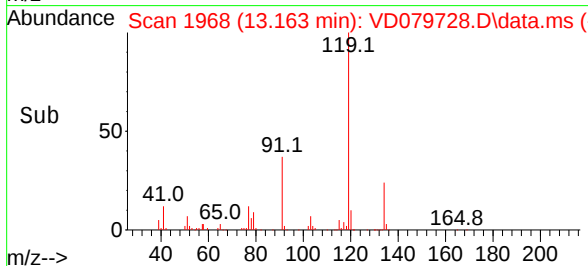
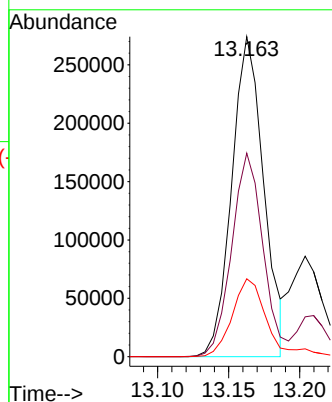
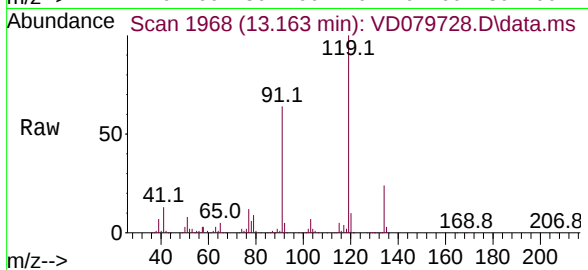
Tgt Ion:119 Resp: 429899

Ion Ratio Lower Upper

119 100

91 62.7 28.2 84.7

134 26.5 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 57.122 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD079728.D

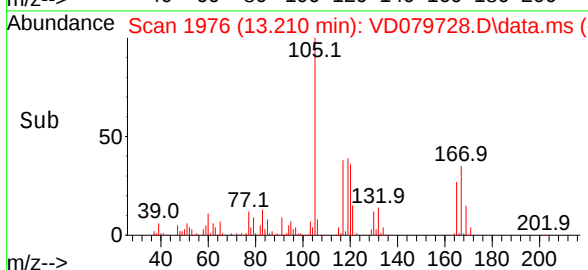
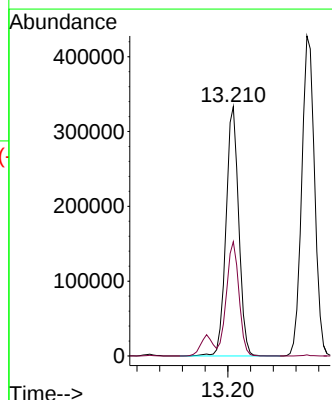
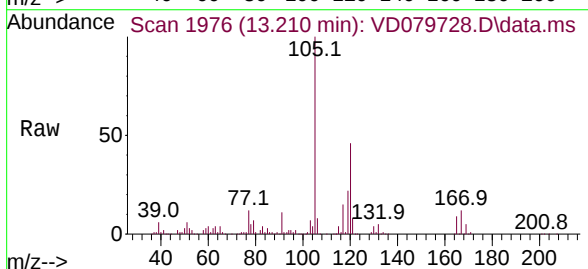
Acq: 14 Aug 2024 09:22

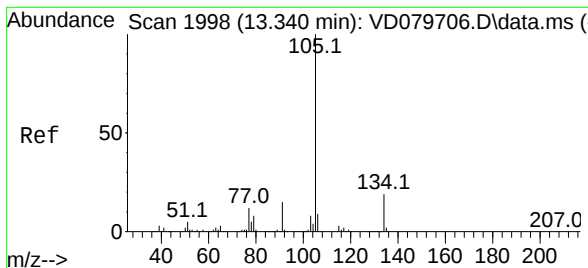
Tgt Ion:105 Resp: 519707

Ion Ratio Lower Upper

105 100

120 45.0 23.6 71.0





#85

sec-Butylbenzene

Concen: 57.937 ug/l

RT: 13.339 min Scan# 1998

Delta R.T. -0.000 min

Lab File: VD079728.D

Acq: 14 Aug 2024 09:22

Instrument :

MSVOA_D

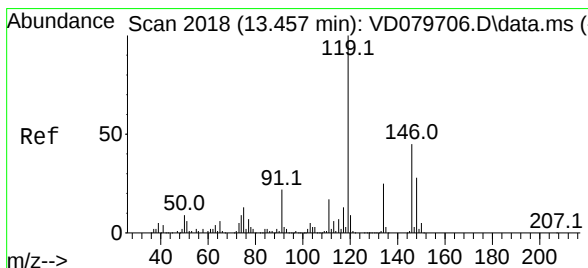
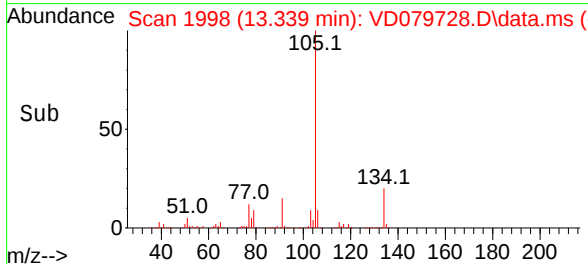
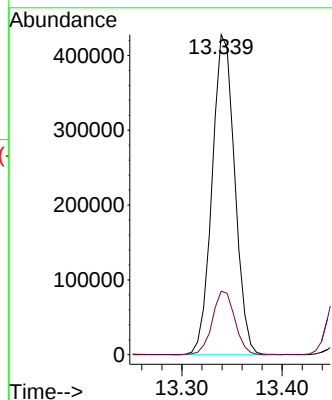
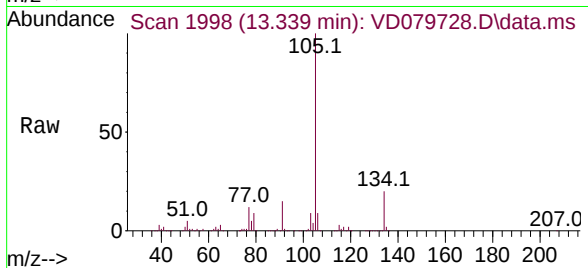
ClientSampleId :

Tgt Ion:105 Resp: 670057

Ion Ratio Lower Upper

105 100

134 19.7 10.3 30.8



#86

p-Isopropyltoluene

Concen: 58.622 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD079728.D

Acq: 14 Aug 2024 09:22

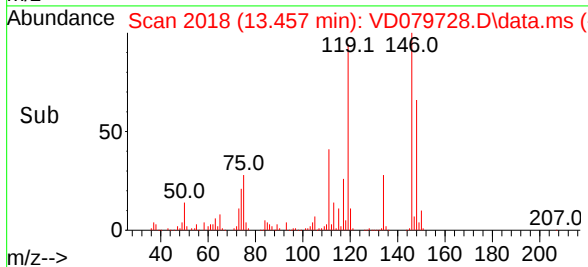
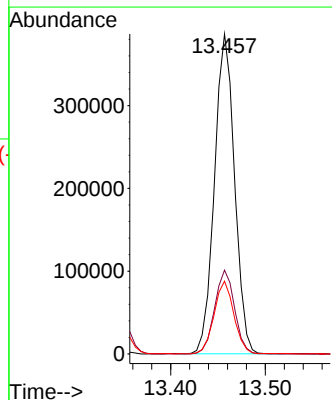
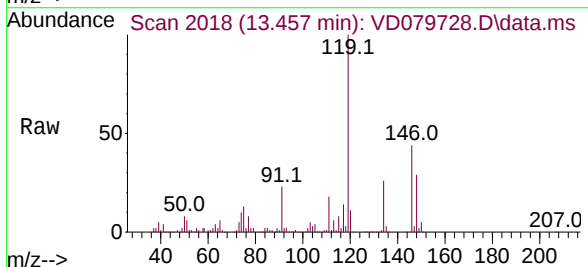
Tgt Ion:119 Resp: 569546

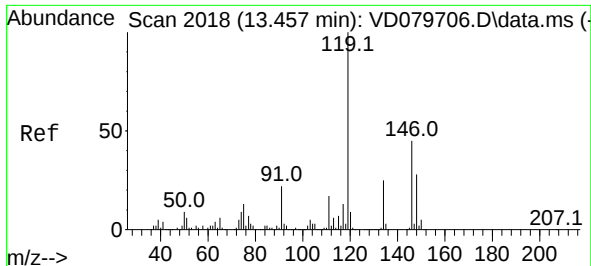
Ion Ratio Lower Upper

119 100

134 26.0 13.7 41.1

91 22.4 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 55.460 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD079728.D

Acq: 14 Aug 2024 09:22

Instrument :

MSVOA_D

ClientSampleId :

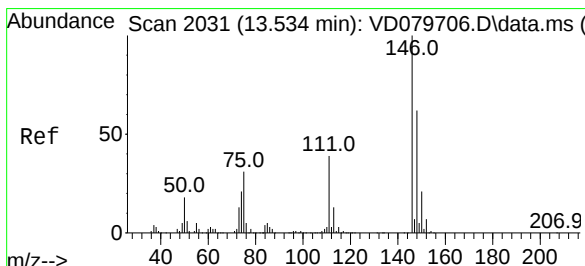
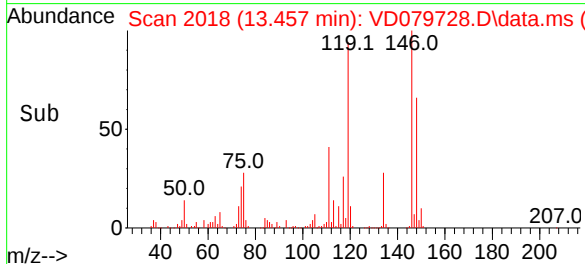
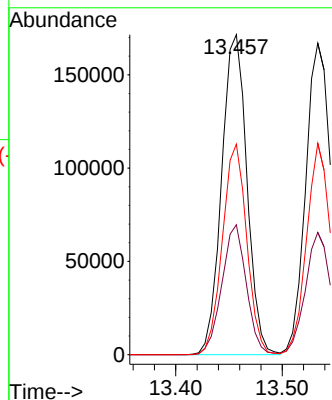
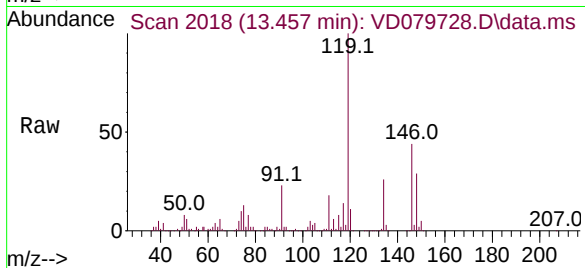
Tgt Ion:146 Resp: 283167

Ion Ratio Lower Upper

146 100

111 39.4 18.5 55.5

148 63.3 30.9 92.8



#88

1,4-Dichlorobenzene

Concen: 54.704 ug/l

RT: 13.533 min Scan# 2031

Delta R.T. -0.000 min

Lab File: VD079728.D

Acq: 14 Aug 2024 09:22

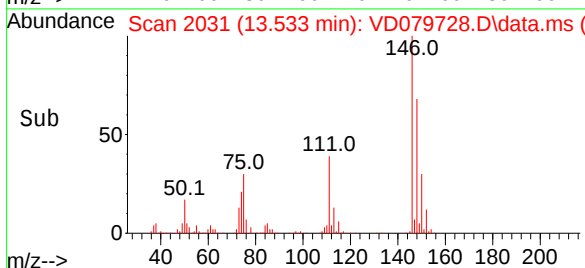
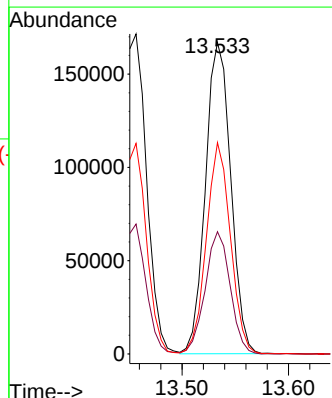
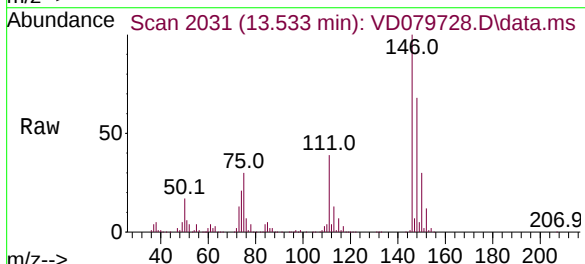
Tgt Ion:146 Resp: 275711

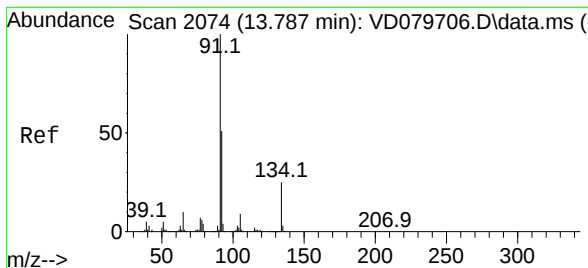
Ion Ratio Lower Upper

146 100

111 38.8 17.5 52.6

148 64.5 31.4 94.2





#89

n-Butylbenzene

Concen: 58.650 ug/l

RT: 13.780 min Scan# 2074

Delta R.T. -0.006 min

Lab File: VD079728.D

Acq: 14 Aug 2024 09:22

Instrument :

MSVOA_D

ClientSampleId :

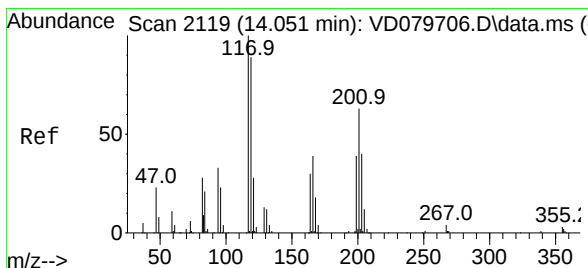
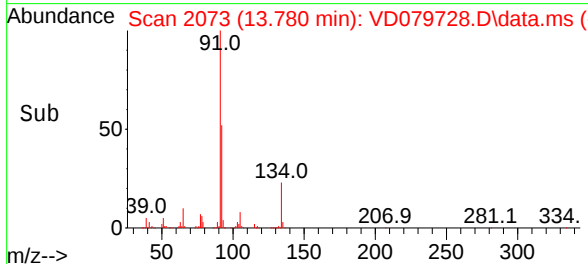
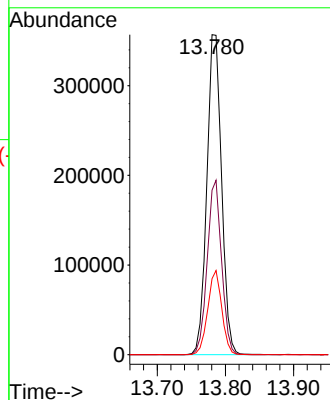
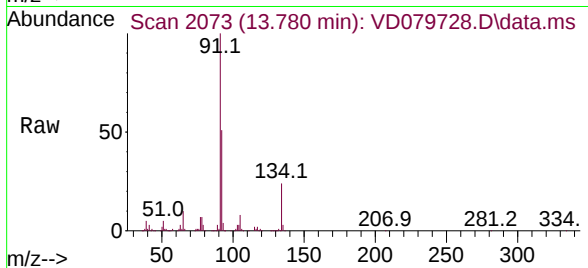
Tgt Ion: 91 Resp: 537114

Ion Ratio Lower Upper

91 100

92 52.9 25.7 77.0

134 25.1 13.6 40.8



#90

Hexachloroethane

Concen: 53.598 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.000 min

Lab File: VD079728.D

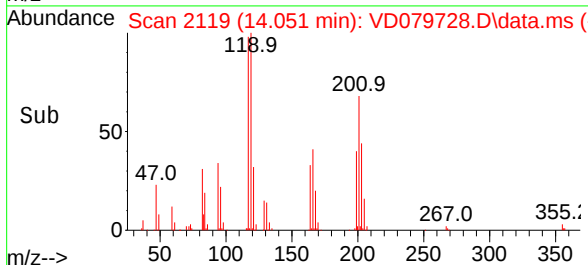
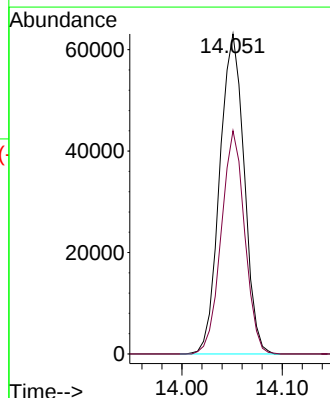
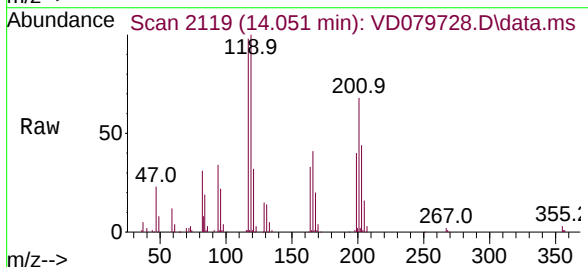
Acq: 14 Aug 2024 09:22

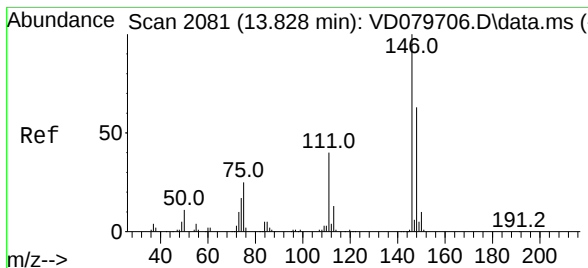
Tgt Ion: 117 Resp: 106844

Ion Ratio Lower Upper

117 100

201 66.9 36.3 108.9





#91

1,2-Dichlorobenzene

Concen: 55.507 ug/l

RT: 13.827 min Scan# 2081

Delta R.T. -0.000 min

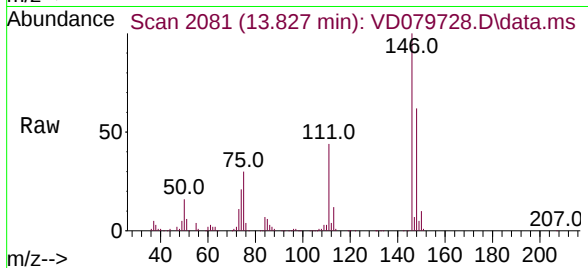
Lab File: VD079728.D

Acq: 14 Aug 2024 09:22

Instrument :

MSVOA_D

ClientSampleId :



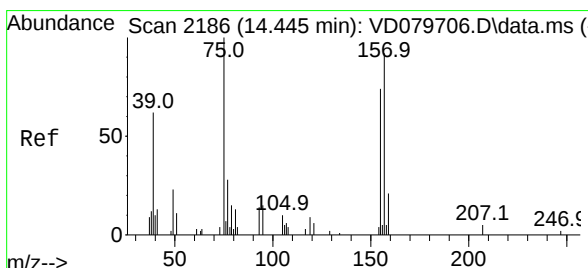
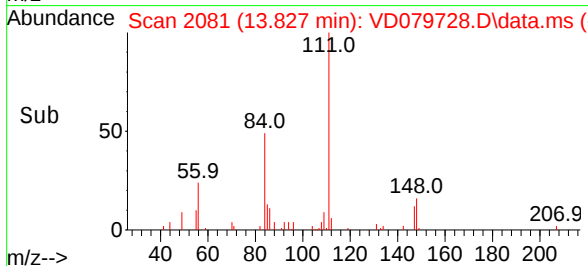
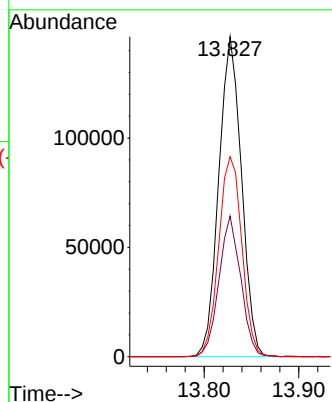
Tgt Ion:146 Resp: 244085

Ion Ratio Lower Upper

146 100

111 42.3 19.1 57.1

148 63.7 31.1 93.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 56.579 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VD079728.D

Acq: 14 Aug 2024 09:22

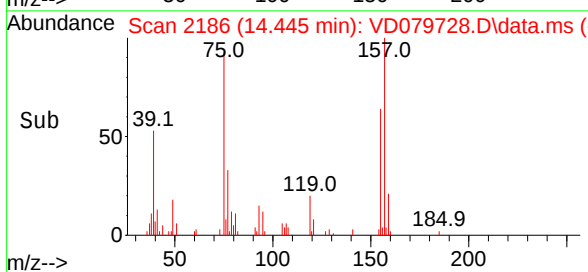
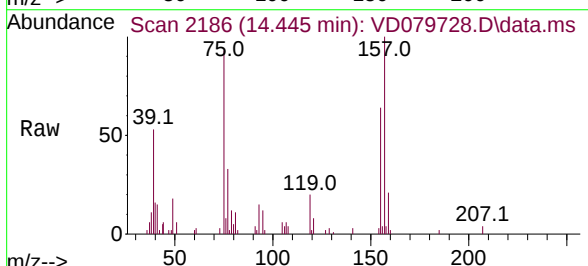
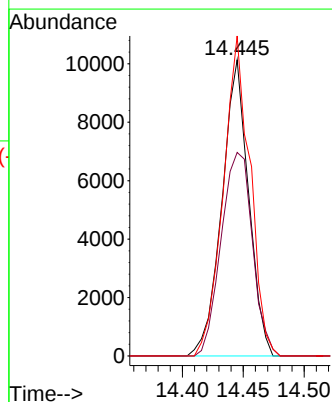
Tgt Ion: 75 Resp: 15464

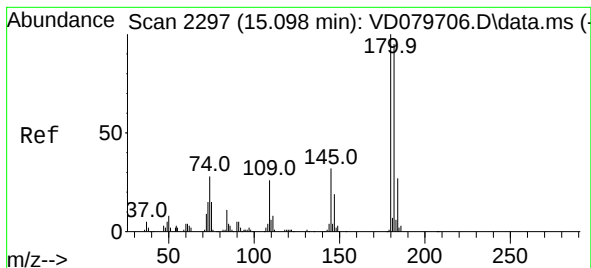
Ion Ratio Lower Upper

75 100

155 80.6 47.7 143.1

157 108.4 63.4 190.2





#93

1,2,4-Trichlorobenzene

Concen: 58.632 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD079728.D

Acq: 14 Aug 2024 09:22

Instrument :

MSVOA_D

ClientSampleId :

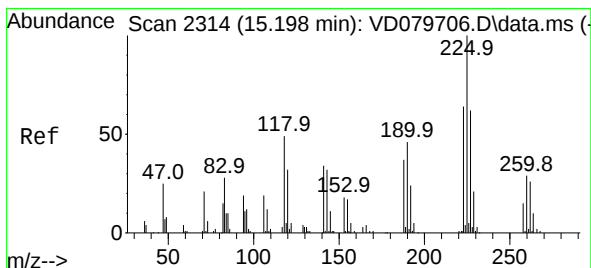
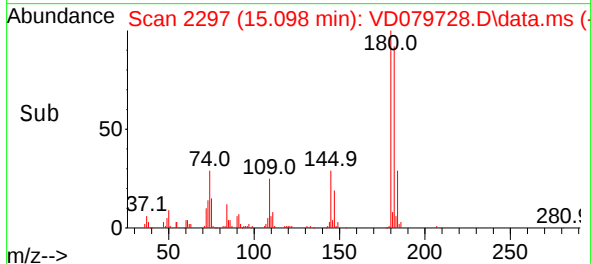
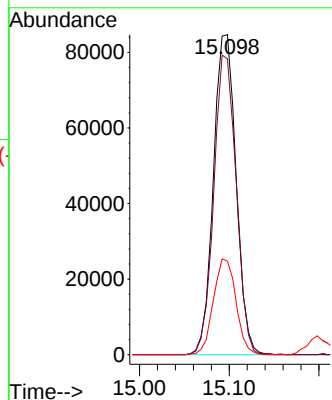
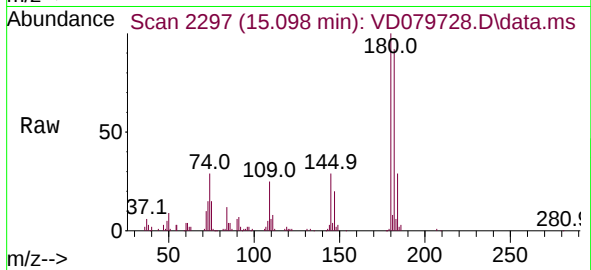
Tgt Ion:180 Resp: 148321

Ion Ratio Lower Upper

180 100

182 92.9 46.9 140.7

145 29.8 14.0 41.9



#94

Hexachlorobutadiene

Concen: 59.465 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.000 min

Lab File: VD079728.D

Acq: 14 Aug 2024 09:22

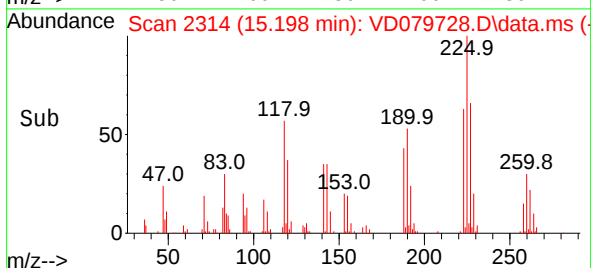
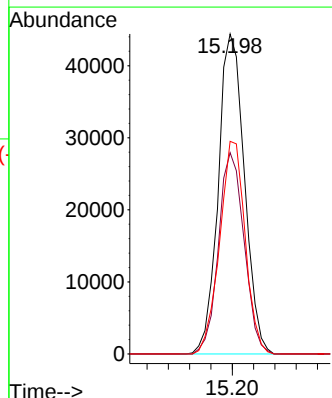
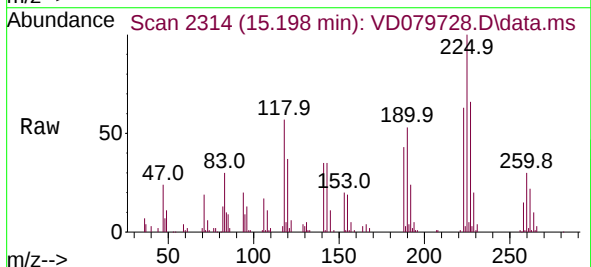
Tgt Ion:225 Resp: 75647

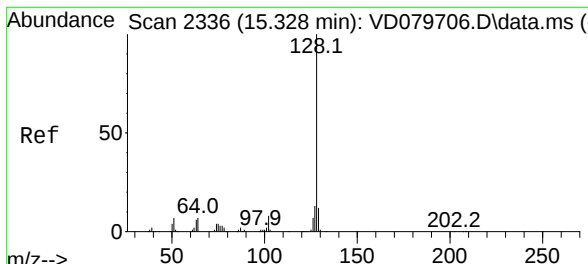
Ion Ratio Lower Upper

225 100

223 61.6 33.3 99.9

227 64.8 33.6 100.6

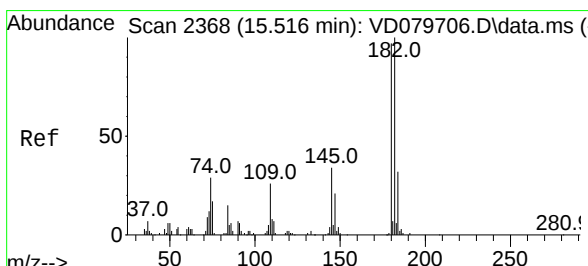
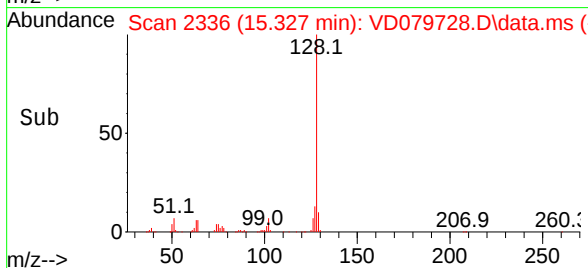
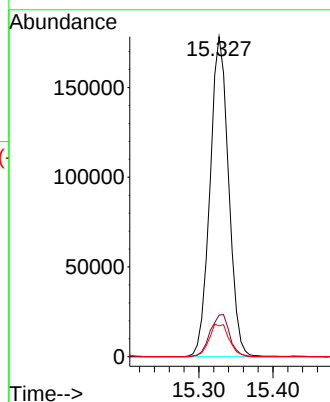
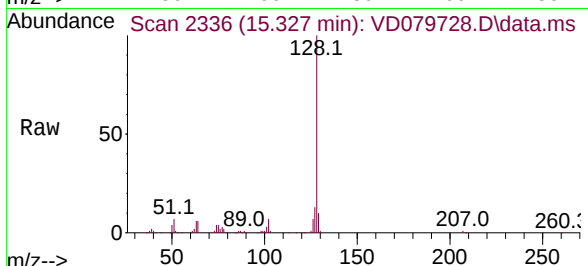




#95
Naphthalene
Concen: 64.281 ug/l
RT: 15.327 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VD079728.D
Acq: 14 Aug 2024 09:22

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	311003
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.2	15.4
129	9.7	8.5	12.7



#96
1,2,3-Trichlorobenzene
Concen: 59.097 ug/l
RT: 15.521 min Scan# 2369
Delta R.T. 0.005 min
Lab File: VD079728.D
Acq: 14 Aug 2024 09:22

Tgt Ion:	180	Resp:	131043
Ion Ratio	Lower	Upper	
180	100		
182	93.4	47.8	143.3
145	32.1	16.1	48.2

